Table of Contents

Printer Model	Cartridge #	Page #
General Tips		1 - 2

Hewlett Packard Cartridges

(Black Cartridge)		
DeskWriter C, 520, 540, 550C, Plus, 400, 600	51626A, 51629A,	3 - 4
DeskJet 310, 320, 340, 340Cbi, 340CM, 340CV, 400, 400L, 420C, 510, 560C, 600, 600C, 600Cse, 660C, 660Cse, 670C, 670TV, 672C, 680C, 682C, 690C, 692C, 693C, 694C, 695C, 697C, ***Officejet*** 300, 330, 350, LX, 500, 520, 570, 580, 590, 600, 610, 630, 700, 710, 720, ***Scanner/Copier*** 370, 380 ***HP Fax*** 200, 200VP, 300, 310, 700, 700VP, 750, 800, 900, 900VP, 910, 920, 950	51626G, 51629G 51633M,	
(Color Cartridges)		
DeskJet 310, 320, 340, 340Cbi, 340CM, 340CV, 350C, 350Cbi, 400, 420C, 500C, 600, 600C, 610C, 610CL, 612C, 660C, 660Cse, 670C, 670TV, 672C, 680C, 682C, 690C, 692C , 693C, 694C, 695C, 697C ***DeskWriter*** 660C ***OfficeJet*** 500, 520, 550C, 560C, 570, 580, 590, 600, 610, 630, 700, 710, 720	51625A, 51649A 51649G	5
(Individual Black Cartridge)		
DeskJet 710C, 712C, 720C, 722C, 810C, 812C, 820Cxi, 820Cse, 830C, 832C, 840C, 842C, 850C, 855C, 855Cse, 855Cxi, 870Cse, 870Cxi, 880C, 882C, 890C, 890Cse, 890Cxi, 895Cse, 895Cxi, 930C, 932C, 935C, 950C, 952C, 970Cse, 970Cxi, 1000C, 1000Cse, 1000Cxi, 1100C, 1100Cse, 1100Cxi, 1120C, 1120Cse, 1120Cxi, 1125C, 1200C, 1200C/ps, 1200Cse, 1200Cxi, 1220C, 1220C/ps, 1220Cse, 1220Cxi, 1600C, 1600CM, 1600CN, ***Color Copier*** 110, 120, 140, 145, 150, 160, 170, 180, 190, 210, 210LX, 260, 270, 280, 290 ***PhotoSmart*** P1000, P1100, P1100xi ***DesignJet*** 700 ***Officejet All-in-one*** R40, R60, R80, ***Officejet Pro*** 1150C, 1150Cse, 1170, 1170C, 1170Cxi, 1175, 1175C, 1175Cse, 1175Cxi,	51645A, 51645G, 51640A	6
(Tri-Color Cartridges)		
710C, 712C, 720C, 722C, 810C, 812C, 820Cse, 820Cxi, 850C, 855C, 855Cse, 855Cxi, 870Cse, 870Cxi, 880C, 882C, 890C, 890Cse, 890Cxi, 895Cse, 895Cxi,1000, 1000Cse, 1000Cxi, 1100C, 1100Cse, 1100Cxi, 1120C, 1120Cse, 1120 Cxi, ***Officejet Pro*** 1150C, 1170C, 1175 ***OfficeJet*** T45, T45xi, T65, T65xi ***HP Officejet All-in-one*** R40, R60, R80 ***Color Copier*** 140, 145, 150, 155	51641A, C1823A C1823D, C1823G,	7
Business Inkjet 2000, 2000C, 2000CN, 2000Cse, 2500C, 2500C+, 2500CM, 2500Cxi, 2500Cse 2200, 2230, 2600, 2600DN ***CP*** 1700, 1700D, 1700PS ***DesignJet*** 500, 500PS, 800, 800PS, CC800PS	C4841A, C4842A, C4843A, C4844A	8
DesignJet CP 2000, 2500, 3000, 3500	C1806A, C1807A, C1808A, C1809A	9
(Individual Color Cartridges)		
DesignJet 230, 250C, 330, 350C, 430, 450C, 455CA, 488CA, 750C, 755CM ***Color Copier*** 210, 210LX, CopyJet, CopyJet M, ***DeskJet*** 1600C, 1600CM, 1600CN, 1200, 1200C, 1220C/PS	51640C, 51640M, 51640Y 51644C, 51644M, 51644Y	10
(Tri-Color Cartridges)		
Deskjet 930C, 932C, 935C, 950C, 952C, 970Cse, 970Cxi, 1220C, 1220Cse, 1220Cxi, ***PhotoSmart*** P1000, P1100 P1100xi	C6578AN, C6578DN	11
DeskJet 610C, 610CL, 612C,	C6614AN	12
Deskjet 810C, 812C, 840C, 842C, PSC 500	C6615DN	13
Deskjet 825C, 840C, 842C, 845C	C6625AN	14
Deskjet 3320, 3420	C8727AN, C8728AN	14
Office Jet: D125, D125xi, D135, D135xi, D145, D145xi, D155, D155xi, ***Color Inkjet:*** CP1160, CP1160TN, ***Digital Copier:*** 610	C5010A, C5011A	15
E-printer	C6634A, C6635A	16
Photosmart 100, 130, 230, 7150, 7350, 7550, ***Deskjet*** 450C, 450Ci, 450Cbi, 5550, 5551 ***PSC*** 2110, 2110v, 2110xi, 2210v, 2210xi	C6656A, C6657A C6658A	16
Deskjet 350C, 350Cbi,	C6628AN	17

Printer Model	Cartridge #	Page #
Hewlett Packard Con't		
Photo Cartridges		
PhotoSmart Photo Printer	C3844A, C3845A	69
Deskjet 350, 350Cbi, 610CL, 610C, 612C, 630C, 640U, 630, 640C, 656C, 656CRV, 690C, 692C 693C, 694C ***Officejet*** 700, 710, 720, 725 HP Printer / Scanner / Copier 370, 380	C1816A	72
Epson Cartridges		
Stylus Color 3000, Pro 5000	S020062, S020118, S020122, S020130	18
Stylus Color 900, 900G, 900N, 980, 980N	T003011, T003012 T005011	19
Stylus CX5200, C-82 (Color only - Black see below)	T0422, T0423, T0424	19
Stylus Color 300	S020138	20
Stylus CX3200, C-62	T040120, T041020	20
Stylus Color 400, 500, 600, 800, 850, 850N, 850NE, 1520, Photo, Photo 700 / Photo EX (Black only - Color see below)	S020089, S020093, S020108	21
Stylus C-42	T036120, T037020	21
Stylus 820, Color II/IIS, 200, 500, 1500	S020047, S020049, S020097	22
Stylus 880, 8 Cube	T019201, T020201	22
Stylus Color / Color Pro, Color Pro XL	S020034, S020036	23
Stylus Color 440, 640, 660, 670, 740, 740I, 760, 860, 1160 Scan 2000, 2500, 2500Pro, Photo 750, 1200 (Black only - Color see below)	S020187, S020189, S020191	24
Stylus C-80, C-80N, C-80WN, C82, CX5200	T0321,T0322, T0323, T0324	24
Stylus C-20, C-20SX, C20UX, C-40, C-40SX, C-40UX, 480SX, 480SXU, 580	T013, T014	25
Stylus Color 777, 777I	T017, T018	25
Stylus 810, 820, 925	T026, T027	26
Stylus C-60	T028, T029	26
Photo Cartridges ***Stylus*** Photo 750	S020193	62
Stylus Photo 2000P	T015201, T016201	62
Stylus Photo 780, 785EPX, 825, 870, 875DC, 875DCS, 890, 1270, 1280,	T007, T007201	63
Stylus Photo 960	T0331, T0332, T0333 T0334, T0335, T0336	63
Stylus Photo, Photo 700, Photo EX	S020110	64
Stylus Photo 2200	T0341, T0342, T0343, T0344 T0345, T0346, T0347, T0348	64
Stylus 1270, 1280	T009, T009201	65
Stylus Photo 1200	T001	66
Stylus Photo 780, 785EPX, 825, 875DCS, 870, 875DC, 890	T008, T008201	67
Lexmark Cartridges		
3200, 5000, 5700, 5770, 7000, 7200, 7200V, ***All-in-One*** X63, X73, X83, X85, X125, Z45, Z45SE, Z53, Z54	12A1970, 12A1975,	27
Optra Color 40 & 45, Kodak PM 100, ***Color Jetprinter*** Z11, Z31, Z32, Z42, Z51,Z52	12A1980, 12A1985	27
1000, 1020, 1100, 2030, 2050, 2055, 3000, IIc, WinWriter 150c	1361400, 1380619, 1380620, 13620HC, 13619HC	28

Printer Model	Cartridge #	Page #
Lexmark Con't		
IBM ExecJet llc, WinWriter 150c, Lexmark 1000, 1100, 1020, 2030, 2050, 2055, 3000	13400HC	29
Color Jetprinter Z13, Z23, Z25, Z33, Z35 ***ColorInkjet*** i3, ***All-in-One*** X75	10N0016, 10N0026	29
Color Jetprinter Z11, Z31, Z45, Z45SE, Z51, Z52, Z53, Z54 ***All-in-One*** X63, X73, X83, X85, X125	15M0120, 15M0125	30
Color Jetprinter Z55, Z55SE, Z65, Z65P, Z65N	18L0032, 18L0042	30
Color Jetprinter 4079, 4079Plus	1380490, 1380491 1380492, 1380493	31
Color Jetprinter 2070	1382050, 1382060	32
Color Jetprinter Z12, Z22, Z32	17G0050, 17G0060	33
Color Jetprinter	16G0055, 16G0065	34
Photo Cartridges Z22, Z31, Z45, Z51, Z53, Z54, 3200, 5000, 5700, 5770, 7000, 7200, 7200v ***All-in-One*** X63, X125 ***OptraColor*** 45	12A1990	76
Color Jetprinter 2030, 2050, 2055, 3000	1361760	76
Canon Cartridges		
BJC 600, 600e, 610, 620 / Apple Stylewriter, Stylewriter Pro	BJI-201BK HC, BJI-201BK, BJI-201C, BJI-201M, BJI-201Y	35
BJ Series - 5, 8, 10e, 10ex, 10sx, 20, 100, 200, 200e, 200ex, 230 ***BJC Series*** - 210, 240, 240L, 240P, 250, 251, 255, 1000, 1010 Apple Stylewriter, Stylewriter II	BC-01, BC-02, BC-05, BX-02	36
BJC Series 7000, 7004, 8000	BCI-60, BCI-61	37
BJC Series 2000, 2010, 2100, 2100SP, 4000, 4100, 4200, 4200 Black, 4200P, 4300, 4304, 4400, 4550, 5000, 5100 ***Multipass*** C2500, C3000, C3500, C5000, C5500, F20 ***S Series*** 200, 300, 330, 1000SP, C530, C545, C560, C635 ***Apple Stylewriter*** 2400, 2500	BCI-21 & 24 Black, BCI-21 & 24 Color, BC-20, BC-23	38
S Series 400, 400SP, 450, 600, 6300	BCI-3eBk, BCI-3eC BCI-3eM, BCI-3eY	39
Multipass 800 Faxphone B540, B550, B640	BX-03	40
BJC Series 8500	BCI-8Bk, BCI-8C BCI-8M, BCI-8Y	41
BJC Series 3000, 6000	BCI-3Bk, BCI-3C, BCI-3M, BCI-3Y	42
BJC Series 8200	BCI-5Bk, BCI-5C BCI-5M, BCI-5Y	43
Photo Cartridges ***BJC Series*** 240, 240L, 240P, 250, 251, 255, 1000, 1010, 1000SP	BC-06	70
BJC Series 3000, 6000, 6200, 6500, S Series - 450, 4500	BCI-3PBk, BCI-3PC BCI-3PM	71
BJC Series 7000, 7004, 8000	BCI-62	72
BJC Series 8500	BCI-8PBk, BCI-8PC BCI-8PM	73
BJC Series 2000, 2010, 2100, 4200, 4200 Black, 4200P, 4300, 4304, 4400, 4550, 5000, 5100 ***MultiPASS*** C3000, C3500, C5000, C5500, C530, C560	BC-22e	74
BJC Series 8200	BCI-5PC, BCI-5PM	75
(Color Cartridges) Document WorkCentre 450cp, HomeCentre, DocuPrint XJ4C, XJ6C, C6, C8	8R7660, 8R7661, 8R7662, 8R7663	44
(Color Cartridge) WorkCentre 490cx, XK35c	8R12591	45

Printer Model	Cartridge #	Page #
Xerox Cartridges		
(Black Cartridges) Document WorkCentre 450cp, HomeCentre, DocuPrint XJ4C, XJ6C, XJ9C, C6, C8, XJ2110	8R7638	46
DocuPrint C11, C15,	8R7903, 8R7904	47
DocuPrint XJ8C, XJ9C, C20, NC20, WorkCentre 470cx, 480cx	8R7880, 8R7881,	48
(Black Cartridge) WorkCentre 490cx, XK35c,	8R7882	
WorkCentre M750, M760, M940, M950	8R12728, 8R7971, 8R7972 8R7973, 8R7974	49
Brother Cartridges		
(Black Cartridge) MFC 7050, WP-6400J, 6500J, 6700JSPL, 7700CJ, 7800J, 7400J, 7550J, 7550J plus, PDP-100J, 300CJ & 350CJ, LW-700i, 710i, 730i, 750ic, GW-70i, GW-80i, Privileg 2000i & Privileg 2001i, DP-300CJ, 350CJ, 525CJ, 530CJ, 540CJ, 550CJ, 5040CJ, 530CJ Mail, 540CJ, Mail & 550CJ Mail	IN-700, LC11BK	50
(Color Cartridge) PDP-300CJ, PDP-350CJ, LW-750ic	IN-710C, LC11CL	50
MP21C, MP21CDX	LC03BC, LC03MY	51
HC-2500, HS-5000 & 5300, MFC 7000FC & 7200FC	LC01BK, LC01C, LC01M, LC01Y	52
MFC3100c, MFC3200c, MFC5100c, MFC5200c, IntelliFax 1800, 1800c	LC21Bk, LC21C LC21M, LC21Y	52
MFC 7150C & 7160C	LC02BK, LC02C, LC02M, LC02Y	53
Compaq Cartridges		
IJ-650	10N0016, 10N0026	29
IJ-200, IJ-300	337714-001, 337715-001	54
IJ-200	180845-001, 180846-001	55
IJ-700, IJ-900 & A900	337709-001, 337710-001	56
IJ-300, IJ-700, IJ-750, IJ-900 A900 ***(Black Cartridge)*** A1000	180847-001, 180848-001	57
(Color Cartridge) A1000, IJ1200	180844-001	58
IJ-750, IJ-900, A900, A1000	337711-001	68
Digital Cartridges		
DECwriter, DECcolorwriter, Series 100 & 500 DECmultiJET 1500	LJ50X-AB, LJ50X-AK LJ50X-AC	59
Okidata Cartridges		
Okijet 2010	52109301, 52109302	60
Okijet 2020, 2500	52110001, 52110002 52110003, 52110004	61
Dell Cartridge		
Dell Personal All-in-One	7Y743, 7Y745	61
Pitney Bowes Cartridge		
Pitney Bowes E700 Postage Meter	769-0	53
F.A.Q.'s Frequently Asked Questions		77
Cartridge & Printhead Cleaner Instructions for Use		78

Please read all instructions carefully and read these General Tips below before refilling.

Remove cartridge from printer before refilling.

To avoid mishaps, refill your cartridge over a protected surface such as a kitchen sink or work bench.

In order to fill syringe, remove protective plastic cover from the needle and insert through the silver seal on the bottle. Slowly pull up on the plunger and withdraw the ink from the bottle.

For best results refill a cartridge before it is empty. It is not recommended that you refill a cartridge that has been emptied for longer than 2 weeks. The sponge will dry out and will not absorb ink properly and the cartridge may leak.

Make certain not to put the wrong color ink into the wrong color chamber. You can identify the color in a chamber by inserting the syringe into the chamber and withdrawing a small amount of ink to verify the color. Remember Magenta is the technical name for Red and Cyan is the technical name for Blue.

It's recommended to back off or extract a small amount of ink once the cartridge has become full when filling a cartridge that contains a sponge. You want the sponge to be soaked with ink but not floating in ink. It's better to under fill slightly than to overfill.

Keep a cartridge from drying out. This will prevent the print head from damage or burning out and it also prevents deterioration.

Handle cartridges gently and avoid touching any metallic parts. Store cartridges at room temperature in a sealed plastic baggie.

Cartridges with a printhead should be stored as follows: after refilling, dab the head clean with a soft tissue or paper towel that has been soaked with Cartridge & Print Head Cleaner. Once you are ready to use the stored cartridge, remove any dried ink using the same method.

You can set the cartridge on a paper towel to catch any drippings, the print head can touch the paper towel. Do not allow the print head to remain on the towel for more than two minutes. This will prevent the wicking effect which will empty your cartridge.

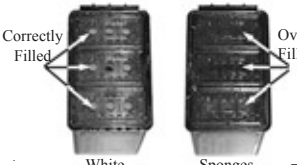
Leave the transparent tape on the bottom of most Epson cartridges. When you insert the cartridge the printer will break the tape establishing a new seal and telling the printer you have inserted a new cartridge. If you do not get a good seal the printer will not be able to draw ink from the cartridge and you will get poor print quality.

If after refilling, the cartridge starts to drip, do not install into the printer. Let the cartridge sit until it stops dripping. When a cartridge drips, in most cases, it is because the pressure inside the cartridge is too high and the cartridge is equalizing the pressure.

General Tips Con't

TIPS for refilling Hewlett Packard Cartridges

If you are refilling a Hewlett Packard® or Lexmark® color cartridge: be aware that the original color of the sponge is white.



Overfilling the cartridge changes the color of the sponge from white to the color you are filling. To avoid overfilling stop filling the cartridge when the ink just begins to surface where the needle is inserted into the sponge.

To clean a Hewlett Packard cartridge for different color of ink.

A. Firmly place a piece of tape over Aperture "C" on the bottom of the cartridge - as shown in the photos within the booklet. Using the refilling procedure insert 10 ml. of Cartridge & Print Head Cleaner into the cartridge and swirl around and allow to sit over night.

B. Remove the tape over Aperture "C" in order to drain the Cartridge & Print Head Cleaner and proceed refilling with ink.

This step prepares an older cartridge for refilling.
Lay the cartridge on its side and inject 1/4 ml of Cartridge & Print Head Cleaner into Aperture "C". Leave the cartridge on its side for approximately 30 minutes then refill as usual.

Parts included in the kit and what they are for.....

Sealing plugs - used to seal a filling hole. Some cartridges have filling holes sealed from the factory and they must be resealed in order for the cartridge to print properly. THIS PART IS NOT USED ON MOST CARTRIDGES. The instruction booklet will state if it's necessary to use this part.

Eyelet Screw is used to remove filling hole plugs on some cartridges such as Canon. Also the screw is used to make or enlarge a filling hole. THIS PART IS NOT USED ON SOME CARTRIDGES.

Needle & Syringe is used to inject ink into the printer cartridge. IT IS USED ON ALL CARTRIDGES. To assemble the syringe and needle place the needle onto the nipple at the end of the syringe and twist into place. The end of the syringe is threaded and gives added security assuring that the needle does not come off during refilling.

CD-ROM (starter kit only) is an instructional/educational CD-ROM contains 28 minutes of MPEG video demonstrations on how to refill assorted inkjet cartridges. It also contains our website which includes a technical support section. Also included are 10 FREE high resolution pictures for you to use as you wish and several very useful bonus programs THE CD-ROM IS NOT NECESSARY FOR THE SUCCESSFUL REFILLING OF YOUR INKJET CARTRIDGE. It is an additional support tool.

Hole Making Tool is used to make holes in various cartridges that do not have or have had their filling hole(s) sealed. Only use when instructed to do so.

Print Quality Testing

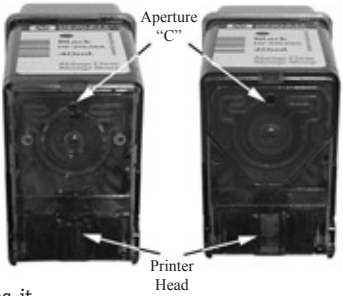
If you have any questions on the quality of your printing please go to our technical support print test page. This page is designed to test the print quality of the individual print heads. To locate the test page please go to the website on the back of this booklet and follow the test print page link and follow the online instructions.

Important: Before refilling review our General Tips on pgs 1 & 2

Hewlett Packard 51626A, 51629A, 51626G, 51629G, 51633M, (Black Cartridges)

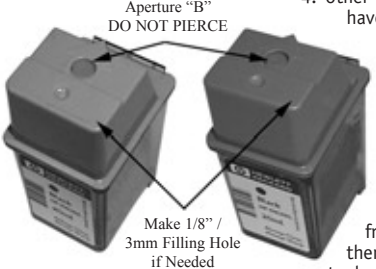
1. Firmly place a piece of electrical tape over (Aperture "C") on the bottom of the cartridge - see diagrams to the right.

HP 51626A HP 51629G



2. This cartridge is regulated by an aerator (Aperture "C") as shown to the right. This must be sealed air tight to prevent any ink from leaking while you are refilling.

3. Some cartridges have a "filling hole" on the top sealed by a plastic or stainless steel ball bearing, as shown in photo to the right, opposite page. This must be removed by pushing it into the cartridge using a pointed object such as a ball point pen. ***IMPORTANT: The aperture in the center of the top (Aperture "B", see below) must NOT be pierced.***



4. Other versions of this cartridge do not have this ball bearing therefore an 1/8" hole / 3mm must be made in the same position shown below. Use the hole making tool included in the kit or an Exacto Knife or a Drill Bit to make this hole. This hole must be made perfectly round.

4a. Remove the Hole Making Tool from the plastic bag, shown below, then remove plastic cover from the tool exposing the blade, as shown right opposite page. Be very careful as the blade is sharp. Grasp the top portion / handle of the tool and slowly twist the blade into the plastic cover. It will take a few twists to begin penetrating the plastic cover, but once penetrated, drilling the hole will go very quickly. As shown right, opposite page.

IMPORTANT: Do not drill a hole as big as the tool itself. The filling hole needs to be 1/8" / 3mm in diameter. Test fit an included plug into the filling hole to determine if you have made the hole large enough. The hole must also be made perfectly round and seal air tight.

HP 51633M

5. Attach the needle to the syringe and fill with cartridge and printhead cleaner. Inject approximately 2 cc's of cleaner. Let sit for about 2 minutes. Remove cleaner by turning over cartridge and let it drain out of the filling hole.

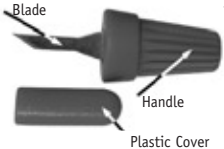
6. The cartridge should now be placed in an upright position on a paper towel and filled with 20 ml. of ink through the filling hole.

7. Squeeze the sides of the cartridge while resealing the filling hole with the plug included. ***Optional: You may cover the plug with a piece of electrical tape to insure that it is sealed airtight.***

8. Rinse the syringe with water and dry for future use.

9. Now remove the tape over (Aperture "C").

10. Insert ONLY the tip (no more than 1/8 inch) of the needle into (Aperture "B"), hold the cartridge over a sink or paper towels and pump 2 cc's of air into cartridge.



11. Ink will now drip from the nozzles. Blot the nozzles with the tissue until ink stops dripping.

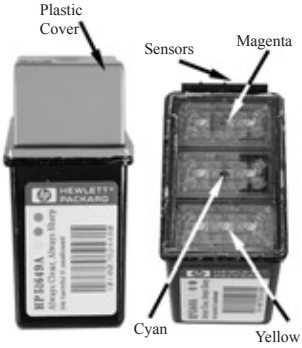
12. Reinsert cartridge into printer and run several test cycles until print quality is restored.

Note: Allow the cartridge to sit outside the printer overnight to restore print quality.

Note: Immediately refill any empty cartridges.

Important: Before refilling review our General Tips on pgs 1 & 2

Hewlett Packard 51625A, 51649A, 51649G (Color Cartridge)



1. To locate the filler hole of the cartridge you must remove the plastic cover. This cover must be removed before refilling it with ink by carefully prying it off with a thin metal blade, such as a thin flathead screwdriver.

Another method is to lay the cartridge on its side, and grasp it firmly then break the seal by striking it with a blunt object.

Important: Make certain that the sensors on the back of the cartridge do not get damaged.

2. Attach the filling needle to the syringe and fill with the proper color of ink.

3. Insert the filling needle into the corresponding hole of the color to be refilled, (see diagram above) and push as far down into the cartridge. ***Note: You may feel a slight pressure due to the sponge inside the cartridge.***

4. Slowly inject approximately 7 ml. of ink, per chamber, into cartridge and stop when the ink begins to surface.

Important: The sponge inside is white. And in order to prevent overfilling the chamber, the color of the sponge must remain white. As soon as the ink starts to bubble near the needle then stop injecting, the cartridge is full.

5. Rinse the syringe and needle with water and dry between each color refilling or store for future use.

6. The cover can be remounted securely with a piece of adhesive tape.

Note: Immediately refill any cartridge that has become empty.

Hewlett Packard
51645A, 51645G,
51640A (Black)

Important: Before refilling review our General Tips on pgs 1 & 2

1. Turn the cartridge upside down. and using a pen knife or utility knife remove the plastic film covering the stainless steel ball bearing as shown below.

2. Using a pointed instrument push the ball bearing, which seals the filling hole, into the cartridge.

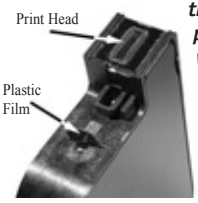
3. Attach the needle to the syringe and fill with the correct color ink.

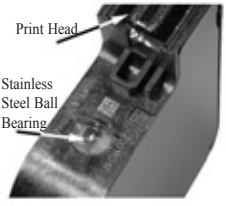
4. Inject 20 ml. of ink slowly into the filling hole. Unused ink may be returned to the bottle.

5. Seal the filling hole by squeezing the cartridge sides firmly and inserting the included plug, ensuring that the plug is pushed firmly in. ***(A small amount of ink will drip from the print head.) Optional: To insure an air tight seal cover plug with electrical (black) tape.***

6. Allow cartridge to stand with the print head down for 2 minutes to draw out any excess ink and equalize the pressure in the cartridge.

Important: If the cartridge rests on a paper towel to catch drippings, the printhead can touch the paper towel. Do not allow the printhead to remain on the towel for more than two minutes. This will prevent the wicking effect which will empty your cartridge.





7. Rinse the syringe with warm water and dry between each color refill or store for future use.

8. Reinsert the cartridge and run a priming cycle as per printer instructions.

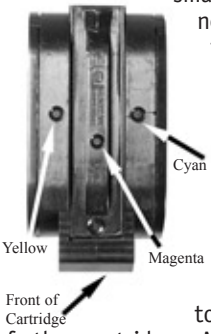
Note: Immediately refill any empty cartridges.

Important: Before refilling review our General Tips on pgs 1 & 2

Hewlett Packard
51641A, C1823A
(Color)

Color Cartridge

1. The filling holes are on the top of the cartridge and have small plastic sealing plugs in them. The plugs need to be removed before refilling. Remove them by pushing them into the cartridge using a ball point pen or other object.



2. Assemble the filling needle and syringe and fill with the color ink you are going to fill.

3. Insert the needle into the filling hole of the color you are refilling, (see diagram above) and push all the way towards the center of the cartridge. ***Note: The cartridge contains a sponge and resistance will be felt.***

4. Slowly inject approximately 10 ml of ink, per chamber, or until ink just begins to surface at the top of the filling hole.

Note: It is not necessary to reseal the filling holes.

5. Clean the syringe with warm water, and dry before refilling with another color or for future use.

Note: Empty cartridges should always be filled immediately.

Hewlett Packard C4841A, C4842A, C4843A, C4844A

Important: Before refilling review our General Tips on pgs 1 & 2

Black & Color Cartridges

1. Cut label at joint between top and bottom cap of cartridge case.

2. Flip back bottom cap of cartridge.

3. Squeeze sides of cartridge case and carefully wiggle out mylar ink bag and pump assembly from the insert lock.

4. Screw the eyelet screw into the center of the rubber sealing plug, (situated in the filling hole) until a firm grip is made and pull out the plug. (Keep the plug on the end of the eyelet screw.)

5. Inject the ink through the filling hole into the mylar ink bag. (Do not insert the needle more than 1/2" into the bag or else the mylar ink bag may be punctured.)

6. Fill with ink until ink appears at the bottom of the filling hole and then reseal by pushing back in the rubber plug. (Push in with the plug on the end of the screw and then remove the screw from the plug.)

7. Remove the excess air from the mylar ink bag and pump assembly as follows:

A. Hold assembly at a 45° angle with outlet hole tube at the top.

B. Insert needle of empty injector (with plunger pushed in) into outlet hole tube.

C. Press and release pump several times which will expel air into the syringe.

D. Pull back the plunger on the syringe to remove any air from the outlet hole tube and then withdraw the needle.

7. Replace the mylar ink bag assembly into the cartridge case and clip the bottom back into position.

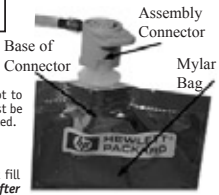
8. Install the cartridge back into printer.

Note: Immediately refill any empty cartridges.

Important: Before refilling review our General Tips on pgs 1 & 2

Hewlett Packard C1806A, C1807A, C1808A, C1809A

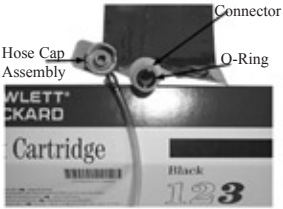
1. Remove the mylar ink bag from the cardboard sleeve. ***Note: (This mylar ink bag is very delicate and must be handled with care).***



2. Use both hands when grasping the top of the mylar bag and use both thumbs to pry the hose cap assembly off of the connector. (Pop off the connector the same way you would pry off the cap of an aspirin bottle. Be very careful not to damage the connector.) Make certain not to misplace or damage the o-ring. It must be in the same position shown below before the hose cap assembly can be reinstalled.

3. Attach the needle to the syringe and fill with ink.

4. Holding the bag upright inject up to 60 ml of ink or until 3/4 full. Do not fill completely because you need room to install the hose cap assembly. ***Note: (After refilling do not squeeze the mylar bag as ink will squirt out of the connector.)***



5. Again, hold the top of the mylar bag and using both thumbs reinstall the hose cap assembly. You can grasp the block at the base where the assembly is installed into the mylar bag. Make sure the hose cap assembly is firmly attached to the connector. You will feel two clicks when reinstalling the hose cap assembly.

6. Install the mylar bag into the cardboard sleeve and install into machine.

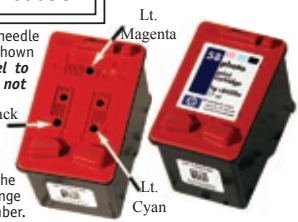
7. Any unused ink can be returned to the correct bottle. Rinse the syringe and needle with water between each color refilling and dry for future use.

Note: Empty cartridges should be refilled immediately.

Important: Before refilling review our General Tips on pgs 1 & 2

Hewlett Packard C6656A, C6657A, C6658A

1. Attach the needle to the syringe and push the needle through the label all the way into the cartridge. (as shown in the illustrations) ***Note: We have removed the label to illustrate where the filling holes are located. We do not recommend removing it.***



2. After you have made the filling hole, fill the syringe with the appropriate color ink.

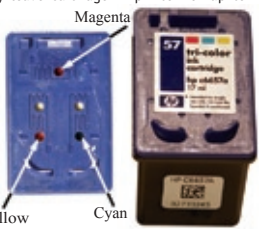
3. Push the needle all the way into the cartridge of the proper filling hole. Very slowly inject ink into the sponge until the cartridge is full. Approximately 5 ml per chamber. (This will saturate the sponge with ink).

4. Use adhesive tape to seal the hole(s) made in the top label. ***Note: The cartridge will leak if the holes are not sealed properly.***

5. Unused ink may be returned to the bottle. Rinse the syringe with water and dry between each color refill or store for further use.

6. Reinsert the cartridge and run 1 - 3 test pages as per printer instructions. If necessary leave cartridge in printer for up to 24 hours to allow ink to flow to the print head.

NOTE: This time is greatly reduced if the cartridge is refilled before it is completely empty.



Hewlett Packard
51640C, 51640M,
51640Y, 51644C,
51644M, 51644Y

Important: Before refilling review our General Tips on pgs 1 & 2

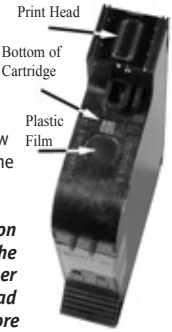
1. Turn the cartridge upside down. and using a pen knife or utility knife remove the plastic film covering the stainless steel ball bearing as shown below.

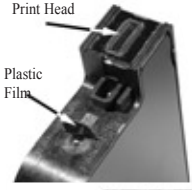
2. Using a ball point pen or another pointed object to push the ball bearing, which seals the filling hole, into the cartridge.

3. Attach the needle to the syringe and fill with the correct color ink.

4. Inject 20 ml. of ink slowly into the filling hole. Unused ink may be returned to the bottle.

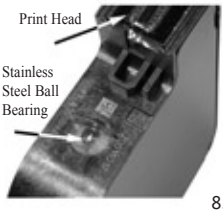
5. Seal the filling hole by squeezing the cartridge sides firmly and inserting the included plug, ensuring that the plug is pushed firmly in. ***(A small amount of ink will drip from the print head.) Optional: To insure an air tight seal cover plug with electrical (black) tape.***





6. Allow cartridge to stand with the print head down for 2 minutes to draw out any excess ink and equalize the pressure in the cartridge.

Important: If the cartridge rests on a paper towel to catch drippings, the printhead can touch the paper towel. Do not allow the printhead to remain on the towel for more than two minutes. This will prevent the wicking effect which will empty your cartridge.



7. Rinse the syringe with warm water and dry between each color refill or store for future use.

8. Reinsert the cartridge and run a priming cycle as per printer instructions.

Note: Immediately refill any empty cartridges.

Important: Before refilling review our General Tips on pgs 1 & 2

Hewlett Packard
C6578AN, C6578DN

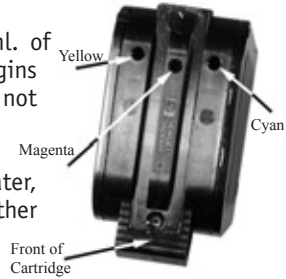
Color Cartridge

1. The filling holes are on the top of the cartridge and have small plastic sealing plugs in them. The plugs need to be removed before refilling. Remove them by pushing them into the cartridge using a ball point pen or other pointed object.

2. Assemble the filling needle to the syringe and fill with the color ink you are going to refill.

3. Insert the needle into the filling hole of the color you are refilling, (see diagram below) and push all the way towards the center of the cartridge. ***Note: The cartridge contains a sponge and resistance will be felt.***

4. Slowly inject approximately 10 ml. of ink, per chamber, or until ink just begins to surface at the filling hole. It is not necessary to reseal the filling holes.



5. Clean the syringe with warm water, and dry before refilling with another color or for future use.

Note: Empty cartridges should always be filled immediately.

Hewlett Packard C6614AN

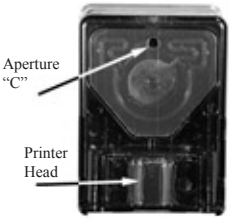
Important: Before refilling review our General Tips on pgs 1 & 2

1. Firmly place a piece of electrical tape over (Aperture "C") on the bottom of the cartridge - as shown below.

2. This cartridge is regulated by an aerator (Aperture "C") as shown below. This must be sealed air tight to prevent any ink from leaking while you are refilling.

3. Some cartridges have a "filling hole" on the top sealed by a plastic or stainless steel ball bearing, as shown in photo to the right, opposite page. This must be removed by pushing it into the cartridge using a pointed object such as a ball point pen. ***IMPORTANT: The aperture in the center of the top (Aperture "B", see below) must NOT be pierced.***

4. Other versions of this cartridge do not have this ball bearing therefore an 1/8" hole / 3mm must be made in the same position shown below. Use the hole making tool included in the kit or an Exacto Knife or a Drill Bit to make this hole. This hole must be made perfectly round.



4a. Remove the Hole Making Tool from the plastic bag, shown on pages 3-4, then remove plastic cover from the tool exposing the blade, as shown right opposite page. Be very careful as the blade is sharp. Grasp the top portion / handle of the tool and slowly twist the blade into the plastic cover. It will take a few twists to begin penetrating the plastic cover, but once penetrated, drilling the hole will go very quickly - as shown below.

IMPORTANT: Do not drill a hole as big as the tool itself. The filling hole needs to be 1/8" / 3mm in diameter. Test fit an included plug into the filling hole to determine if you have made the hole large enough. The hole must also be made perfectly round and seal air tight.

5. Attach the needle to the syringe and fill with cartridge and printhead cleaner. Inject approximately 2 cc's of cleaner. Let sit for about 2 minutes. Remove cleaner by turning over cartridge and let it drain out of the filling hole.

6. The cartridge should now be placed in an upright position on a paper towel and filled with 20 ml. of ink through the filling hole.

7. Squeeze the sides of the cartridge while resealing the filling hole with the plug included. Optional: You may cover the plug with a piece of electrical tape to insure that it is sealed airtight.

8. Rinse the syringe with water and dry for future use.

9. Now remove the tape over (Aperture "C").

10. Insert ONLY the tip (no more than 1/8 inch) of the needle into (Aperture "B"), hold the cartridge over a sink or paper towels and pump 2 cc's of air into cartridge.

11. Ink will now drip from the nozzles. Blot the nozzles with the tissue until ink stops dripping.

12. Reinsert cartridge into printer and run several test cycles until print quality is restored.

Note: Allow the cartridge to sit outside the printer overnight to restore print quality.

Note: Immediately refill any empty cartridges.

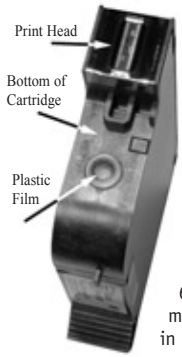
Important: Before refilling review our General Tips on pgs 1 & 2

Hewlett Packard C6615AN

1. Turn the cartridge upside down and using a pen knife or utility knife remove the plastic film covering the stainless steel ball bearing as shown below.

2. Using a pointed instrument push the ball bearing, which seals the filling hole, into the cartridge.

3. Attach the needle to the syringe and fill with the correct color ink.



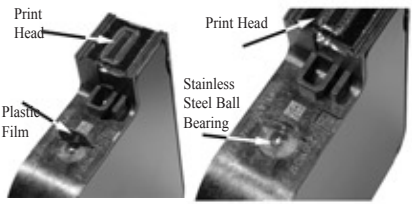
4. Inject 20 ml. of ink slowly into the filling hole. Unused ink may be returned to the bottle.

5. Seal the filling hole by squeezing the cartridge sides firmly and inserting the included plug, ensuring that the plug is pushed firmly in. (A small amount of ink will drip from the print head.)

Optional: To insure an airtight seal cover plug with electrical (black) tape.

6. Allow cartridge to stand with the print head down for 2 minutes to draw out any excess ink and equalize the pressure in the cartridge.

Important: If the cartridge rests on a paper towel to catch drippings, the printhead can touch the paper towel. Do not allow the printhead to remain on the towel for more than two minutes. This will prevent the wicking effect which will empty your cartridge.



7. Rinse the syringe with warm water and dry between each color refill or store for future use.

8. Reinsert the cartridge and run a priming cycle as per printer instructions.

Note: Immediately refill any empty cartridges.

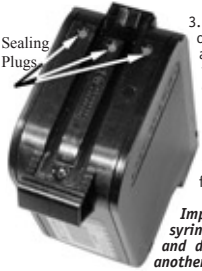
Hewlett Packard C6625AN

Important: Before refilling review our General Tips on pgs 1 & 2

Color Cartridge

1. The filling holes are on the top of the cartridge and have small plastic sealing plugs in them. The plugs need to be removed before refilling. Remove them by pushing them into the cartridge using a ball point pen or other object.

2. Assemble the filling needle and syringe and fill with the color ink you are going to fill.

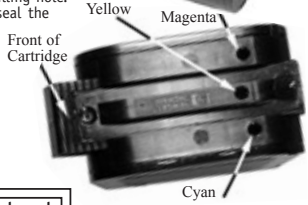


3. Insert the needle into the filling hole of the color you are refilling, (see diagram below) and push all the way towards the center of the cartridge. ***Note: The cartridge contains a sponge and resistance will be felt.***

4. Slowly inject approximately 10 ml. of ink, per chamber, into the cartridge until the ink surfaces at the filling hole. It is not necessary to reseal the filling holes.

Important: Clean the syringe with warm water, and dry before refilling with another color.

Note: Empty cartridges should always be filled immediately.



Important: Before refilling review our General Tips on pgs 1 & 2

Hewlett Packard C8727A, C8728A

1. Attach the needle to the syringe and push the needle through the label all the way into the cartridge. (as shown in the illustration) ***Note: We have removed the label to illustrate where the filling holes are located. We do not recommend removing it.***

2. After you have made the filling hole, fill the syringe with the appropriate color ink.

3. Push the needle all the way into the cartridge of the proper filling hole. Very slowly inject ink into the sponge until the cartridge is full. Approximately 3 ml per chamber for each color. (This will saturate the sponge with ink).

4. Use adhesive tape to seal the hole(s) made in the top label. ***Note: The cartridge will leak if the holes are not sealed properly.***

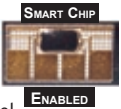
5. Unused ink may be returned to the bottle. Rinse the syringe with water and dry between each color refill or store for further use.

6. Reinsert the cartridge and run 1 - 3 test pages as per printer instructions. If necessary leave cartridge in printer for up to 24 hours to allow ink to flow to the print head.

NOTE: This time is greatly reduced if the cartridge refilled before it is completely empty.

Important: Before refilling review our General Tips on pgs 1 & 2

Hewlett Packard C5010A, C5011A

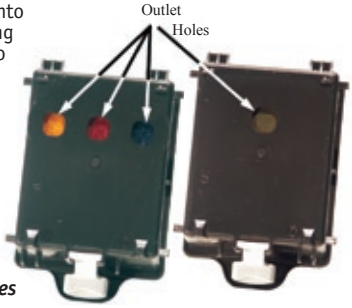


Black & Color Cartridges

1. Attach the needle to the syringe and push needle through the label all the way into the cartridge or peel back the label from the top until the filling holes are accessible. As shown below.

2. After you have made the filling hole, fill the syringe with the appropriate color ink.

3. Push the needle all the way into the cartridge of the proper filling hole. Very slowly inject ink into the sponge until the cartridge is full. Approximately 5 - 6 ml. per chamber for the color and 6 - 7 ml. per chamber for the black. (This will saturate the sponge with ink).



4. Use adhesive tape to seal the hole(s) made in the top label or reapply the existing label. ***Note: The cartridge will leak if the holes are not sealed properly.***

5. Unused ink may be returned to the bottle. Rinse the syringe with water and dry between each color refill or store for further use.

6. Reinsert the cartridge and run 1 - 3 cleaning cycles as per printer instructions. If necessary leave cartridge in printer for up to 24 hours to allow ink to flow to the print head.

NOTE: This time is greatly reduced if the cartridge refilled before it is completely empty.

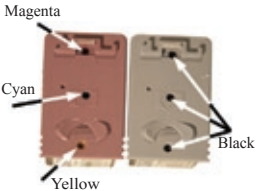
Hewlett Packard
C6634A, C6635A

Important: Before refilling review our General Tips on pgs 1 & 2

Black & Color Cartridges

1. Either make filling holes on the top of the cartridge (as shown below left) or pry off the cartridge caps as shown below right. Do the procedure which is easier for you. Use the hole making tool included in the kit, drill each filling hole on the top of the cartridge wide enough to fit the needle as shown below left.

2. Attach the needle to the syringe and fill with the appropriate color of ink. ***Note: Black cartridge all 3 chambers must be refilled.***



3. Insert the syringe through the filling hole and push all the way into the cartridge. ***Note: You may feel a slight pressure because the cartridge contains a sponge.***

4. Slowly inject up to 6 ml. of ink, per chamber, then reseal the filling holes using a piece of transparent tape.

5. Unused ink may be returned to the bottle. Rinse the syringe with water and dry for future use, or use with a different color ink.

6. Reinsert the cartridge(s) and run a test page as per printer instructions.

Note: Immediately refill any empty cartridges.

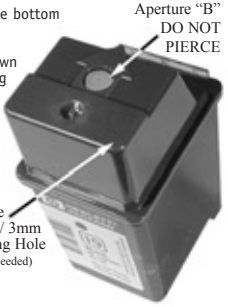
Hewlett Packard C6628AN

1. Firmly place a piece of electrical tape over (Aperture "C") on the bottom of the cartridge - as shown below.

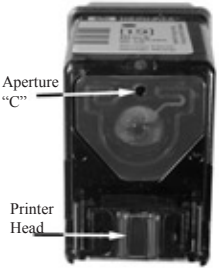
2. This cartridge is regulated by an aerator (Aperture "C") as shown below. This must be sealed air tight to prevent any ink from leaking while you are refilling.

3. Some cartridges have a "filling hole" on the top sealed by a plastic or stainless steel ball bearing, as shown in photo to the right, opposite page. This must be removed by pushing it into the cartridge using a pointed object such as a ball point pen. ***IMPORTANT: The aperture in the center of the top (Aperture "B", see below) must NOT be pierced.***

4. Other versions of this cartridge do not have this ball bearing therefore an 1/8" hole / 3mm must be made in the same position shown below. Use the hole making tool included in the kit or an Exacto Knife or a Drill Bit to make this hole. This hole must be made perfectly round.



4a. Remove the Hole Making Tool from the plastic bag, shown on pages 3-4, then remove plastic cover from the tool exposing the blade, as shown right opposite page. Be very careful as the blade is sharp. Grasp the top portion / handle of the tool and slowly twist the blade into the plastic cover. It will take a few twists to begin penetrating the plastic cover, but once penetrated, drilling the hole will go very quickly. As shown below.



IMPORTANT: Do not drill a hole as big as the tool itself. The filling hole needs to be 1/8" / 3mm in diameter. Test fit an included plug into the filling hole to determine if you have made the hole large enough. The hole must also be made perfectly round and seal air tight.

5. Attach the needle to the syringe and fill with cartridge and printhead cleaner. Inject approximately 2 cc's of cleaner. Let sit for about 2 minutes. Remove cleaner by turning over cartridge and let it drain out of the filling hole.

6. The cartridge should now be placed in an upright position on a paper towel and filled with 20 ml. of ink through the filling hole.

7. Squeeze the sides of the cartridge while resealing the filling hole with the plug included. ***Optional: You may cover the plug with a piece of electrical tape to insure that it is sealed airtight.***

8. Rinse the syringe with water and dry for future use.

9. Now remove the tape over (Aperture "C").

10. Insert ONLY the tip (no more than 1/8 inch) of the needle into (Aperture "B"), hold the cartridge over a sink or paper towels and pump 2 cc's of air into cartridge.

11. Ink will now drip from the nozzles. Blot the nozzles with the tissue until ink stops dripping.

12. Reinsert cartridge into printer and run several test cycles until print quality is restored.

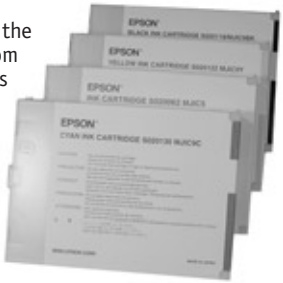
Note: Allow the cartridge to sit outside the printer overnight to restore print quality.

Epson
S020062, S020118,
S020122, S020130

Important: Before refilling review our General Tips on pgs 1 & 2

Black & Color Cartridges

1. The filling hole is the same hole as the access port. The printer draws the ink from this port. Shown in the picture below is the location of the filling hole / access port in the front of the cartridge.



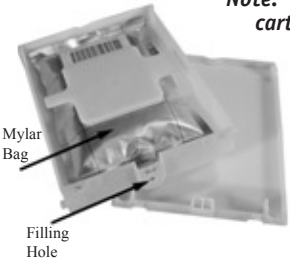
2. Note: The ink is contained in a delicate mylar bag and it is very important not to insert the needle more than 3/4" or it is possible to puncture the mylar bag permanently damaging it. Fill the syringe with the correct color ink and carefully insert the needle into the filling hole / access port and slowly inject approximately 90 ml. of ink into the cartridge. Unused ink may be returned to the bottle.

3. Hold the cartridge upright with the filling hole on the top. Use the syringe to remove any trapped air in the cartridge by only inserting the needle 3/4" and withdraw any air in the cartridge until all air is removed.

4. Remove the syringe and rinse with water and dry for future use, or to use with a different color ink.

5. Reinsert the cartridge and run a priming cycle as per printer instructions.

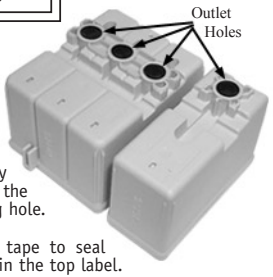
Note: Immediately refill any empty cartridges.



NOTE: It is not necessary to disassemble the cartridge to refill it and we strongly recommend you do not. We have included a picture of the inside of the cartridge to satisfy your curiosity.

Important: Before refilling review our General Tips on pgs 1 & 2

Epson Stylus Color T005, T003

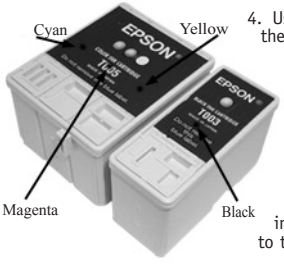


Black & Color Cartridges

1. Use a piece of tape to seal the outlet hole(s) in the base of the cartridge.

2. Attach the needle to the syringe and fill with the appropriate color ink.

3. Push needle through the label all the way into the cartridge of the proper filling hole. Slowly inject approximately 8 ml of ink, per chamber, into the sponge until the ink begins to surface at the filling hole.



4. Use transparent tape to seal the hole(s) made in the top label.

5. Unused ink may be returned to the bottle. Rinse the syringe with water and dry between each color refill or store for future use.

6. Reinsert the cartridge leaving the transparent tape on the outlet hole(s), see general tips on page 1, and run 1 - 3 cleaning cycles as per printer instructions. If necessary leave cartridge in printer for up to 24 hours to allow ink to flow to the print head.

NOTE: This time is greatly reduced if the cartridge is refilled before it is completely empty.

Important: Before refilling review our General Tips on pgs 1 & 2

Epson Stylus Color T0422, T0423, T0424

Black & Color Cartridges

1. Turn the cartridge upside down and using a pointed object, such as a paper clip, pierce through the label into the cartridge of the proper filling hole (as shown below).

2. Attach the needle to the syringe and fill with the correct color ink.

3. Inject approximately 5 - 7 ml. of ink slowly into the filling hole until the cartridge is almost full.

Note: You will only be able to insert the needle about 3/8" into cartridge. Unused ink may be returned to the bottle.

4. Use a tape dot to seal the filling hole, making certain that the filling hole is completely sealed.

5. Rinse the syringe with water and dry for further use, or use with a different color ink.

6. Follow the resetting instructions for inserting cartridges into printer.

Note: Immediately refill any empty cartridges.

Epson S020138

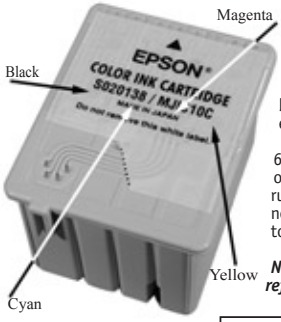
Important: Before refilling review our General Tips on pgs 1 & 2

Black & Color Cartridge

1. Use a piece of tape to seal the outlet hole(s) in the base of the cartridge.

2. Attach the needle to the syringe and fill with the appropriate color ink.

3. Push needle through the label all the way into the cartridge of the proper filling hole. Slowly inject approximately 5 ml. of ink into the color chambers and 8 ml. of ink into the black chamber until the ink surfaces at the filling hole.



4. Use tape to seal the hole(s) made in the top label.

5. Unused ink may be returned to the bottle. Rinse the syringe with water and dry between each color refill or store for future use.

6. Reinsert the cartridge leaving the transparent tape on the outlet hole(s), see general tips on page 1, and run 1 - 3 cleaning cycles as per printer instructions. If necessary leave cartridge in printer for up to 24 hours to allow ink to flow to the print head.

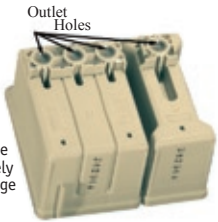
NOTE: This time is greatly reduced if the cartridge refilled before it is completely empty.

Epson T040120, T041020

Important: Before refilling review our General Tips on pgs 1 & 2

Black & Color Cartridges

1. Place a piece of transparent tape over each outlet hole(s) in the base of the cartridge.



2. Attach the needle to the syringe and fill with the appropriate color ink.

3. Use the needle to push through the label all the way into the cartridge of the correct filling hole. Slowly inject approximately 8 ml. of ink, per chamber, into the sponge until the cartridge is full.

4. Use transparent tape to seal the hole(s) made in the top label.

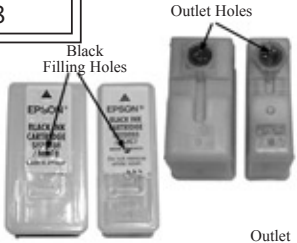
5. Any unused ink may be returned to the bottle. Rinse the syringe with water and dry between each color refill or store for future use.

6. Leaving the transparent tape on the outlet hole(s), see general tips on page 1, reinsert the cartridge and run 1-3 cleaning cycles as per printer instructions. It may be necessary to leave cartridge in printer for up to 24 hours to allow ink to flow to the printhead.

Note: If cartridge is refilled before it is completely empty this time is greatly reduced.

Important: Before refilling review our General Tips on pgs 1 & 2

Epson Stylus Color S020089, S020093, S020108

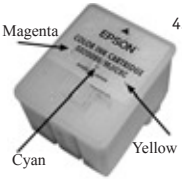


Black & Color Cartridges

1. Use transparent tape to seal the outlet hole(s) in the base of the cartridge.

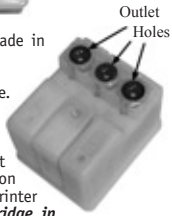
2. Attach the needle to the syringe and fill with the appropriate color ink.

3. Push needle through the label all the way into the cartridge of the correct filling hole. Slowly inject approximately 8 ml. of ink S020108, 5 ml of ink S020093 & S020089 until the ink surfaces at the filling hole.



4. Use transparent tape to seal the holes(s) made in the top label.

5. Unused ink may be returned to the bottle. Rinse the syringe with water and dry between each color refill or store for future.



6. Reinsert the cartridge leaving the transparent tape on the outlet hole(s), see general tips on page 1, and run 1 - 3 cleaning cycles as per printer instructions. ***Note: If necessary leave cartridge in printer for up to 24 hours to allow the ink to flow to the print head.***

NOTE: This time is greatly reduced if cartridge is refilled before it is completely empty.

Important: Before refilling review our General Tips on pgs 1 & 2

Epson T036120, T037020

Black & Color Cartridges

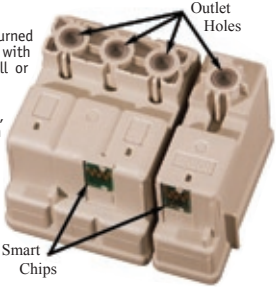
1. Place a piece of transparent tape over each outlet hole(s) in the base of the cartridge.

2. Attach the needle to the syringe and fill with the appropriate color ink.

3. Use the needle to push through the label all the way into the cartridge of the correct filling hole. Slowly inject approximately 8 ml. Of ink, per chamber, into the sponge until the cartridge is full.

4. Use transparent tape to seal the hole(s) made in the top label.

5. Any unused ink may be returned to the bottle. Rinse the syringe with water and dry between each color refill or store for future use.



6. Leaving the transparent tape on the outlet hole(s), see general tips on page 1, reinsert the cartridge and run 1-3 cleaning cycles as per printer instructions. It may be necessary to leave cartridge in printer for up to 24 hours to allow ink to flow to the printhead.

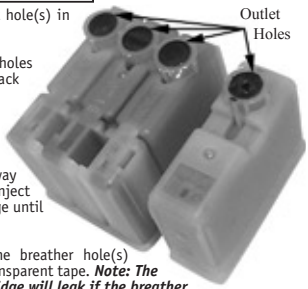
Note: If cartridge is refilled before it is completely empty this time is greatly reduced.

Epson Stylus S020047, S020049, S020097

Important: Before refilling review our General Tips on pgs 1 & 2

Black & Color Cartridges

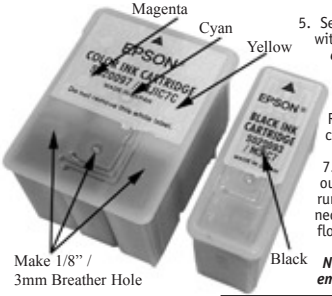
1. Use a piece of transparent tape to seal each outlet hole(s) in the base of the cartridge.



2. Using a small (1/8" / 3mm) drill make breather holes in positions shown below. This is not necessary on black cartridge.

3. Attach the needle to the syringe with the appropriate color ink.

4. Using the needle, push through the label all the way into the cartridge of the correct filling hole. Slowly inject approximately 5 ml. of ink, per chamber, into the sponge until the ink surfaces at the filling hole.



5. Seal the breather hole(s) with transparent tape. ***Note: The cartridge will leak if the breather holes are not sealed properly.***

6. Any unused ink may be returned to the bottle. Rinse the syringe with water and dry between each color refill or store for future.

7. Reinsert the cartridge leaving the tape on the outlet hole(s), see general tips on page 1, and run cleaning cycles as per printer instructions. If necessary leave for up to 24 hours to allow the ink to flow to the print head.

NOTE: If cartridge is refilled before it is completely empty this time is greatly reduced.

Epson T019201, T020201

Important: Before refilling review our General Tips on pgs 1 & 2

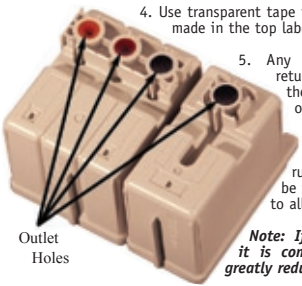
Black & Color Cartridges

1. Place a piece of transparent tape over each outlet hole(s) in the base of the cartridge.

2. Attach the needle to the syringe and fill with the appropriate color ink.

3. Use the needle to push through the label all the way into the cartridge of the correct filling hole. Slowly inject approximately 8 ml. Of ink, per chamber, into the sponge until the cartridge is full.

4. Use transparent tape to seal the hole(s) made in the top label.



5. Any unused ink may be returned to the bottle. Rinse the syringe with water and dry between each color refill or store for future use.

6. Leaving the transparent tape on the outlet hole(s), see general tips on page 1, reinsert the cartridge and run 1-3 cleaning cycles as per printer instructions. It may be necessary to leave cartridge in printer for up to 24 hours to allow ink to flow to the printhead.

Note: If cartridge is refilled before it is completely empty this time is greatly reduced.

Important: Before refilling review our General Tips on pgs 1 & 2

Epson Stylus S020034, S020036

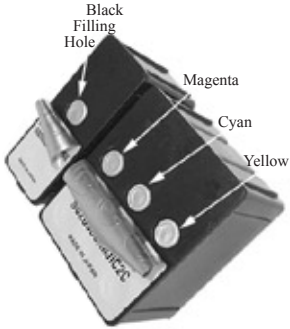
Black & Color Cartridges

1. Place a piece of tape over each outlet hole(s) in the base of the cartridge.

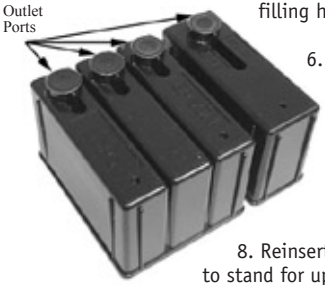
2. Peel back the bottom half of the sticky label to reveal the sealed filling hole(s).

3. Attach the needle to the syringe and fill with the appropriate color ink.

4. Use the filling needle to puncture the seal to the filling hole. (See diagram for filling hole color.) Insert the filling needle all the way into the cartridge. ***Note: You may feel a slight pressure because the cartridge contains a sponge.***



5. Inject approximately 12 ml. of ink slowly or until ink appears at the filling hole.



6. Reseal the filling hole with some transparent tape.

7. Unused ink may be returned to the bottle. Rinse the syringe with water and dry between each color refill or store for future use.

8. Reinsert the cartridge in the printer and allow to stand for up to 24 hours which allows ink to flow to the print head. ***NOTE: This time is greatly reduced if cartridge is refilled before it is empty.***

9. Reinsert the cartridge and run a priming cycle as per printer instructions.

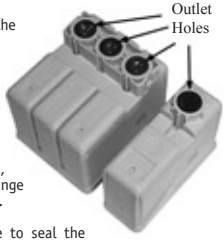
Note: Immediately refill any empty cartridges.

Epson Stylus Color S020187, S020189, S020191

Important: Before refilling review our General Tips on pgs 1 & 2

Black & Color Cartridges

1. Place a piece of transparent tape over each outlet hole(s) in the base of the cartridge.



2. Attach the needle to the syringe and fill with the appropriate color ink.

3. Use the needle to push through the label all the way into the cartridge of the correct filling hole. Slowly inject approximately 8 ml. of ink, per chamber, into the sponge until the cartridge is full.

4. Use transparent tape to seal the hole(s) made in the top label.

5. Any unused ink may be returned to the bottle. Rinse the syringe with water and dry between each color refill or store for future use.

6. Leaving the transparent tape on the outlet hole(s), see general tips on page 1, reinsert the cartridge and run 1 - 3 cleaning cycles as per printer instructions. It may be necessary to leave cartridge in printer for up to 24 hours to allow ink to flow to the print head.

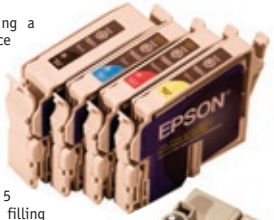
NOTE: If cartridge is refilled before it is completely empty this time is greatly reduced.

Epson T0321, T0322, T0323, T0324

Important: Before refilling review our General Tips on pgs 1 & 2

Black & Color Cartridges

1. Turn the cartridge upside down and using a pointed object, such as a paper clip, pierce through the label into the cartridge of the proper filling hole (as shown below).



2. Attach the needle to the syringe and fill with the correct color ink.

3. Push needle through the label and about 3/8" into the cartridge. Inject approximately 5 - 7 ml. of ink slowly into the filling hole until the cartridge is almost full. Unused ink may be returned to the bottle.

4. Apply included tape dot over the filling hole, making certain that the filling hole is completely sealed.

5. Rinse the syringe with water and dry for further use, or use with a different color ink.

6. Follow the resetting instructions for inserting cartridge into printer.

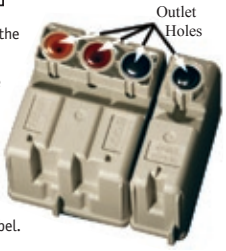
Note: Immediately refill any empty cartridges.

Important: Before refilling review our General Tips on pgs 1 & 2

Epson Stylus Color T013, T014

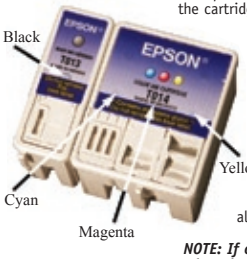
Black & Color Cartridges

1. Place a piece of transparent tape over each outlet hole(s) in the base of the cartridge.



2. Attach the needle to the syringe and fill with the appropriate color ink.

3. Use the needle to push through the label all the way into the cartridge of the correct filling hole. Slowly inject approximately 8 ml. of ink, per chamber, into the sponge until the cartridge is full.



4. Use transparent tape to seal the hole(s) made in the top label.

5. Any unused ink may be returned to the bottle. Rinse the syringe with water and dry between each color refill or store for future use.

6. Leaving the transparent tape on the outlet hole(s), see general tips on page 1, reinsert the cartridge and run 1 - 3 cleaning cycles as per printer instructions. It may be necessary to leave cartridge in printer for up to 24 hours to allow ink to flow to the print head.

NOTE: If cartridge is refilled before it is completely empty this time is greatly reduced.

Important: Before refilling review our General Tips on pgs 1 & 2

Epson Stylus Color T017, T018

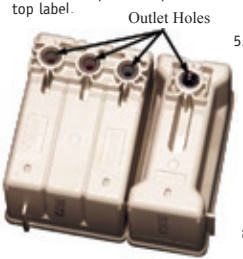
Black & Color Cartridges

1. Place a piece of transparent tape over each outlet hole(s) in the base of the cartridge.

2. Attach the needle to the syringe and fill with the appropriate color ink.

3. Use the needle to push through the label all the way into the cartridge of the correct filling hole. Slowly inject approximately 8 ml. of ink, per chamber, into the sponge until the cartridge is full.

4. Use transparent tape to seal the hole(s) made in the top label.



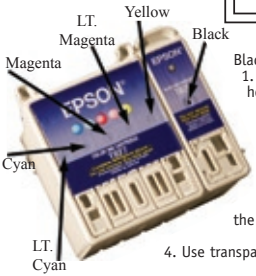
5. Any unused ink may be returned to the bottle. Rinse the syringe with water and dry between each color refill or store for future use.

6. Leaving the transparent tape on the outlet hole(s), see general tips on page 1, reinsert the cartridge and run 1 - 3 cleaning cycles as per printer instructions. It may be necessary to leave cartridge in printer for up to 24 hours to allow ink to flow to the print head.

NOTE: If cartridge is refilled before it is completely empty this time is greatly reduced.

Epson Stylus Color T026, T027

Important: Before refilling review our General Tips on pgs 1 & 2



Black & Color Cartridges

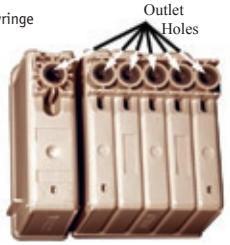
1. Place a piece of transparent tape over each outlet hole(s) in the base of the cartridge.

2. Attach the needle to the syringe and fill with the appropriate color ink.

3. Use the needle to push through the label all the way into the cartridge of the correct filling hole. Slowly inject approximately 8 ml. of ink, per chamber, into the sponge until the cartridge is full.

4. Use transparent tape to seal the hole(s) made in the top label.

5. Any unused ink may be returned to the bottle. Rinse the syringe with water and dry between each color refill or store for future use.



6. Leaving the transparent tape on the outlet hole(s), see general tips on page 1, reinsert the cartridge and run 1 - 3 cleaning cycles as per printer instructions. It may be necessary to leave cartridge in printer for up to 24 hours to allow ink to flow to the print head.

NOTE: If cartridge is refilled before it is completely empty this time is greatly reduced.

Epson Stylus Color T028, T029

Important: Before refilling review our General Tips on pgs 1 & 2

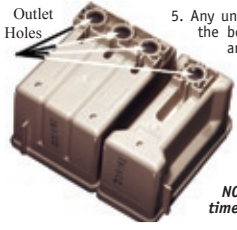
Black & Color Cartridges

1. Place a piece of transparent tape over each outlet hole(s) in the base of the cartridge.

2. Attach the needle to the syringe and fill with the appropriate color ink.

3. Use the needle to push through the label all the way into the cartridge of the correct filling hole. Slowly inject approximately 8 ml. of ink, per chamber, into the sponge until the cartridge is full.

4. Use transparent tape to seal the hole(s) made in the top label.



5. Any unused ink may be returned to the bottle. Rinse the syringe with water and dry between each color refill or store for future use.

6. Leaving the transparent tape on the outlet hole(s), see general tips on page 1, reinsert the cartridge and run 1 - 3 cleaning cycles as per printer instructions. It may be necessary to leave cartridge in printer for up to 24 hours to allow ink to flow to the print head.

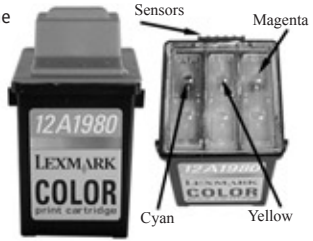
NOTE: If cartridge is refilled before it is completely empty this time is greatly reduced.

Important: Before refilling review our General Tips on pgs 1 & 2

Lexmark 12A1970, 12A1975, 12A1980, 12A1985

Color Cartridges

1. To locate the filling holes of the cartridge you must remove the plastic cover. You must remove the cover before refilling by carefully prying it off with a thin metal blade, such as a utility knife. ***Important: Make certain not to damage the sensors on the back of the cartridge.***



2. Attach the needle to the syringe and fill with the correct color ink.

3. Insert the filling needle into the corresponding filler hole of the color to be filled, (see diagram to the right) and push as far down into the cartridge. ***Note: You may feel a slight pressure because the cartridge contains a sponge.***

4. Slowly inject approximately 8 ml. of ink, per chamber, into the cartridge until the ink just begins to surface on the top of the sponge. ***Important: The sponge inside is white. And in order to prevent overfilling the cartridge do not change the color of the sponge to the color you are filling. When the ink just begins to surface where the needle is inserted, stop filling, the cartridge is full.***

5. Rinse the syringe with water, and dry before refilling with another color.

6. The top can be securely refitted with a piece of adhesive tape after refilling.

Black Cartridges

1. Using the eyelet screw included enlarge the filling hole. (Do not remove the top.)

2. Fill the syringe with 8 ml. of Cartridge & Print Head Cleaner and inject into the cartridge. Reinsert cartridge into printer and print 5 test pages. See general tips on page 2 for location of test page.

3. Fill the syringe with ink, insert the filling needle into the filling hole and push as far down into the cartridge. Inject approximately 20 ml. of ink slowly or until the reservoir is full.

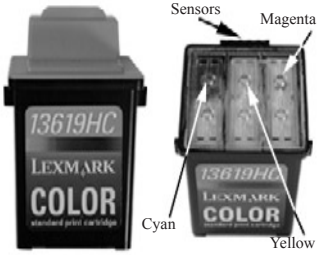
Note: Immediately refill any empty cartridges.

Lexmark
1361400, 1380619,
1380620
13620HC, 13619HC

Important: Before refilling review our General Tips on pgs 1 & 2

Color Cartridges

1. To locate the filler holes of the cartridge you must remove the plastic cover. this cover must be removed before refilling by carefully prying it off with a thin metal blade such as a utility knife. ***Important: Make certain not to damage the sensors on the back of the cartridge.***



2. Attach the needle to the syringe and fill with the correct color ink.

3. Insert the filling needle into the corresponding hole of the color to be refilled, (see diagram above) and push far down into the cartridge. ***Note: You may a feel slight pressure because the cartridge contains a sponge.***

4. Slowly inject approximately 8 ml. of ink, per chamber, into the cartridge until the ink just begins to surface on the top of the sponge. ***Important: The sponge inside is white. And in order to prevent overfilling the cartridge do not change the color of the sponge to the color you are filling. When the ink begins to surface where the needle is inserted, stop filling, the cartridge is full.***

5. Rinse the syringe and needle with water and dry between each color refilling or store for future use.

6. The top can be held in place with adhesive tape after refilling.

Black Cartridges

1. Using the eyelet screw included enlarge the filling hole. (Do not remove the top.)

2. Fill the syringe with 8 ml. of Cartridge & Print Head Cleaner and inject into the cartridge. Reinsert cartridge into printer and print 5 test pages. See general tips on page 2 for location of test page.

3. Fill the syringe with ink, insert the filling needle into the filling hole and push as far down the cartridge as it will go. Inject approximately 20 ml. of ink slowly or until the reservoir is full.

Note: Immediately refill any empty cartridges.

Important: Before refilling review our General Tips on pgs 1 & 2

Lexmark 13400HC

Black Cartridges

1. Using the eyelet screw included widen the filling hole. (Do not remove the top.)

2. Fill the syringe with 8 ml. of Cartridge & Print Head Cleaner and inject into the cartridge. Reinsert cartridge into printer and print 5 test pages. See general tips on page 2 for location of test page.

3. Fill the syringe with ink, insert the filling needle into the filling hole and push as far down into the cartridge. Slowly inject approximately 20 ml. of ink or until the reservoir is full.

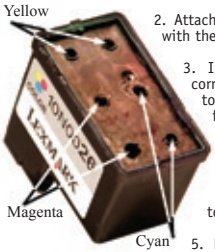
Note: Immediately refill any empty cartridges.

Important: Before refilling review our General Tips on pgs 1 & 2

Lexmark 10N0016, 10N0026

Color Cartridges

1. To locate the filler holes of the cartridge you must remove the plastic cover. You must remove the cover before refilling by carefully prying it off with a thin metal blade, such as a utility knife. ***Important: Make certain not to damage the sensors on the back of the cartridge.***



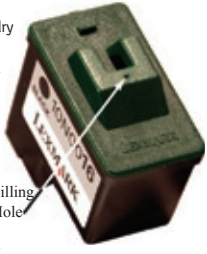
2. Attach the needle to the syringe and fill with the correct color ink.

3. Insert the filling needle into the corresponding filler hole of the color to be filled, (see diagram) and push as far down into the cartridge. ***Note: You may feel a slight pressure because the cartridge contains a sponge.***

4. Inject approximately 4-6 ml of ink slowly or until the sponge is soaked. When the ink just begins to surface where the needle is inserted, stop filling, the cartridge is full. Make sure not to overfill to prevent the colors from mixing.

5. Rinse the syringe with water, and dry before refilling with another color.

6. The top can be securely refitted with a piece of adhesive tape after refilling. ***Note: After refilling the cartridge change the settings on your printer to Best print and run 6-7 test pages to restore the print quality.***



Black Cartridges

1. Using the eyelet screw included widen the filling hole. (Do not remove the top).

2. Fill the syringe with 8 ml. of Cartridge & Print Head Cleaner and inject into the cartridge. Reinsert cartridge into printer and print 5 test pages. See general tips on page 2 for location of test page.

3. Fill the syringe with ink, insert the filling needle into the filling hole and push as far down into the cartridge. Inject approximately 12 - 14 ml of ink slowly or until the reservoir is full. After refilling and running the test pages restore the settings to economy to minimize the ink usage.

Note: Immediately refill any empty cartridges.

Lexmark 15M0120, 15M0125

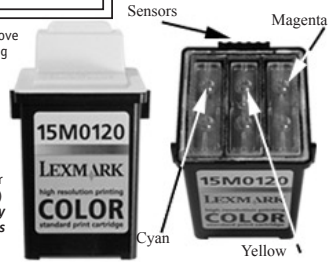
Important: Before refilling review our General Tips on pgs 1 & 2

Color Cartridges

1. To locate the filler holes of the cartridge you must remove the plastic cap. This cover must be removed before refilling by carefully prying it off with a thin metal blade, such as a penknife. ***Important: Make certain not to damage the sensors on the back of the cartridge.***

2. Attach the needle to the syringe and fill with the correct color ink.

3. Insert the filling needle into the corresponding filler hole of the color to be refilled, (see diagram to the right) and push as far down into the cartridge. ***Note: You may feel a slight pressure because the cartridge contains a sponge.***



4. Slowly inject approximately 8 ml. of ink, per chamber, into the cartridge until the ink just begins to surface on the top of the sponge. ***Important: The sponge inside is white. To prevent overfilling the cartridge do not change the color of the sponge to the color you are filling. When the ink just begins to surface where the needle is inserted, stop filling, the cartridge is full.***

5. Rinse the syringe with water, and dry between each color refill or store for future use.

6. Reattach the top with adhesive tape after refilling.

Note: Immediately refill any empty cartridges.

Lexmark 18L0032, 18L0042

Important: Before refilling review our General Tips on pgs 1 & 2

Color Cartridges

1. The filler holes are located under the plastic cover which is removed by carefully inserting a small flathead screwdriver into the slot (see diagram at right) and very gently twist to unlock the snaps holding the cover in place. ***Important: Do not damage the sensors on the back of the cartridge.***

2. Attach the needle to the syringe and fill with the correct color ink.

3. Insert the filling needle into the corresponding filler hole of the color to be filled, (see diagram below right) and push as far down into the cartridge. ***Note: You may feel a slight pressure because the cartridge contains a sponge.***

4. Inject approximately 4-6 ml of ink slowly or until the sponge is soaked. When the ink just begins to surface where the needle is inserted, stop filling, the cartridge is full. Make sure not to overfill to prevent the colors from mixing.

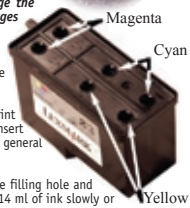
5. Rinse the syringe with water, and dry before refilling with another color.

6. Replace the top in its original position and push down on the top until it snaps in securely. ***Note: After refilling the cartridge change the settings on your printer to Best print and run 6-7 test pages to restore the print quality.***

Black Cartridges

1. Using the eyelet screw included widen the filling hole. (Do not remove the top).

2. Fill the syringe with 8 ml. of Cartridge & Print Head Cleaner and inject into the cartridge. Reinsert cartridge into printer and print 5 test pages. See general tips on page 2 for location of test page.



3. Fill the syringe with ink, insert the filling needle into the filling hole and push as far down into the cartridge. Inject approximately 12 - 14 ml of ink slowly or until the reservoir is full. After refilling and running the test pages restore the settings to economy to minimize the ink usage.

Note: Immediately refill any empty cartridges.

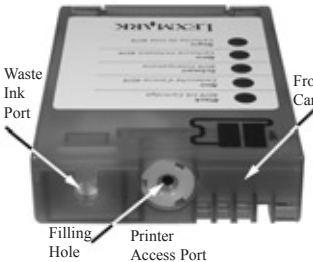
Important: Before refilling review our General Tips on pgs 1 & 2

Lexmark 1380490, 1380491, 1380492, 1380493

Black & Color Cartridges

1. The filling hole is the same hole as the access port. The printer draws the ink from this port. Shown in the picture below is the location of the filling hole / access port in the front of the cartridge.

2. ***Note: The ink is contained in a delicate mylar bag and it is very important not to insert the needle more than 5/8" or it is possible to puncture the mylar bag permanently damaging it.*** Fill the syringe with the correct color ink and carefully insert the needle into the filling hole / access port and slowly inject approximately 25 ml. of ink into the cartridge. Unused ink may be returned to the bottle.



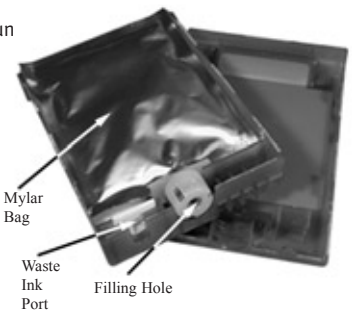
3. Hold the cartridge upright with the filling hole on the top. Use the syringe to remove any trapped air in the cartridge by only inserting the needle 5/8" and withdraw any air in the cartridge until all air is removed.

4. Remove the syringe and rinse with water and dry for future use, or to use with a different color ink.

5. Reinsert the cartridge and run a priming cycle as per printer instructions.

Note: Immediately refill any empty cartridges.

NOTE: It is not necessary to disassemble the cartridge to refill it and we strongly recommend you do not. We have included a picture of the inside of the cartridge to satisfy your curiosity.

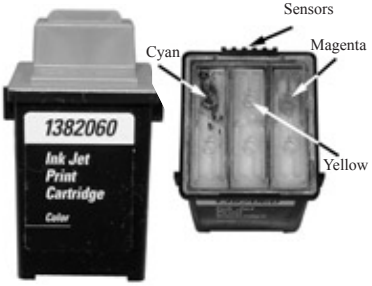


Lexmark
1382050, 1382060

Important: Before refilling review our General Tips on pgs 1 & 2

Color Cartridge

1. To locate the filler hole of the cartridge you must remove the plastic cover. This cover must be removed before refilling by carefully prying it off with a thin metal blade, such as a utility knife. ***Important: Make certain not to damage the sensors on the back of the cartridge.***



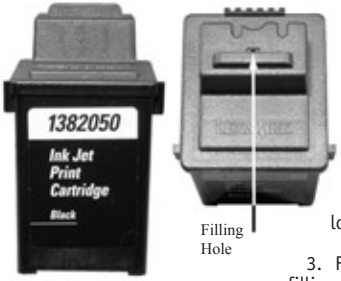
2. Attach the needle to the syringe and fill with the correct color ink.

3. Insert the filling needle into the corresponding hole of the color to be refilled, (see diagram above) and push all the way down into the center of the cartridge. ***Note: You will feel a slight pressure because the cartridge contains a sponge.***

4. Slowly inject approximately 8 ml. of ink, per chamber, into the cartridge until the ink just begins to surface on the top of the sponge. ***Important: The sponge inside the cartridge is white. And to prevent overfilling the cartridge do not change the color of the sponge to the color you are filling. When the ink just begins to surface where the needle is inserted, stop filling, the cartridge is full.***

5. Rinse the needle point and syringe with water and dry between each color refilling or store for future use.

6. The cover can be reattached securely with a piece of adhesive tape.



Black Cartridge

1. Using the eyelet screw included enlarge the filling hole. (Do not remove the cap.)

2. Fill the syringe with 8 ml. of Cartridge & Print Head Cleaner and inject into the cartridge. Reinsert cartridge into printer and print 5 test pages. See general tips on page 2 for location of test page.

3. Fill the syringe with ink, insert the filling needle into the filling hole and push downward all the way into the cartridge. Slowly inject up to 20 ml. of ink or until the reservoir is full.

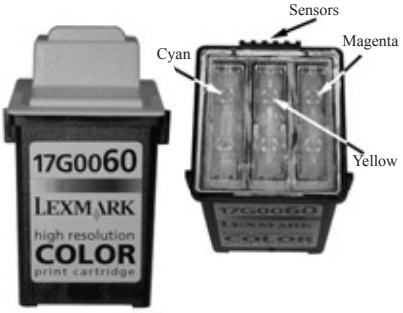
Note: Immediately refill any empty cartridges.

Important: Before refilling review our General Tips on pgs 1 & 2

Lexmark 17G0050, 17G0060

Color Cartridge

1. To locate the filler hole of the cartridge you must remove the plastic cover. This cover must be removed before refilling by carefully prying it off with a thin metal blade, such as a utility knife. ***Important: Make certain not to damage the sensors on the back of the cartridge.***



2. Attach the needle to the syringe and fill with the correct color ink.

3. Insert the filling needle into the corresponding hole of the color to be refilled, (see diagram above) and push as far down into the cartridge. ***Note: You will feel a slight pressure because the cartridge contains a sponge.***

4. Slowly inject approximately 8 ml. of ink, per chamber, into the cartridge until the ink just begins to surface on the top of the sponge. ***Important: The sponge inside the cartridge is white. To prevent overfilling, do not change the color of the sponge to the color you are filling. When the ink just begins to surface where the needle is inserted, stop filling, the cartridge is full.***

5. Rinse the needle point and syringe with water and dry between each color refilling or store for future use.

6. The cover can be reattached securely with a piece of adhesive tape.

Black Cartridge

1. Using the eyelet screw included enlarge the filling hole. (Do not remove the cap.)

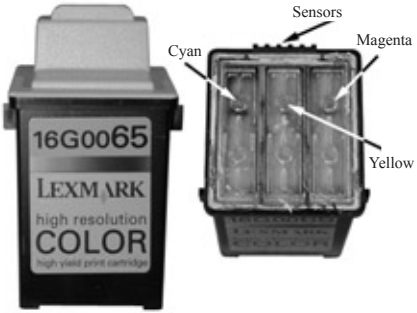
2. Fill the syringe with 8 ml. of Cartridge & Print Head Cleaner and inject into the cartridge. Reinsert cartridge into printer and print 5 test pages. See general tips on page 2 for location of test page.

3. Fill the syringe with ink, insert the filling needle into the filling hole and push downward all the way into the cartridge. Slowly inject up to 20 ml. of ink or until the reservoir is full.

Note: Immediately refill any empty cartridges.

Color Cartridge

1. To locate the filler hole of the cartridge you must remove the plastic cover. This cover must be removed before refilling by carefully prying it off with a thin metal blade, such as a utility knife. ***Important: Make certain not to damage the sensors on the back of the cartridge.***



2. Attach the needle to the syringe and fill with the correct color ink.

3. Insert the filling needle into the corresponding hole of the color to be refilled, (see diagram above) and push as far down into the cartridge. ***Note: You will feel a slight pressure because the cartridge contains a sponge.***

4. Slowly inject approximately 8 ml. of ink, per chamber, into the cartridge until the ink just begins to surface on the top of the sponge. ***Important: The sponge inside the cartridge is white. To prevent overfilling do not change the color of the sponge to the color you are filling. When the ink just begins to surface where the needle is inserted, stop filling, the cartridge is full.***

5. Rinse the needle point and syringe with water and dry between each color refilling or store for future use.

6. The cover can be reattached securely with a piece of adhesive tape.

Black Cartridge

1. Using the eyelet screw included enlarge the filling hole. (Do not remove the cap.)

2. Fill the syringe with 8 ml. of Cartridge & Print Head Cleaner and inject into the cartridge. Reinsert cartridge into printer and print 5 test pages. See general tips on page 2 for location of test page.

3. Fill the syringe with ink, insert the filling needle into the filling hole and push downward all the way into the cartridge. Slowly inject up to 20 ml. of ink or until the reservoir is full.

Note: Immediately refill any empty cartridges.

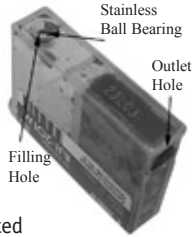
Important: Before refilling review our General Tips on pgs 1 & 2

Canon BJI-201BKHC, BJI-201BK, BJI-201C, BJI-201M, BJI-201Y

Black & Color Cartridges

1. Turn the cartridge upside down, and push in the ball bearing that seals the filling hole by using a pointed object.

NOTE: On Canon's newer cartridges the filling hole is on the top of the cartridge under the label, however, on their newest cartridges they have totally removed the filling hole altogether. In this case it would be necessary to make a drill an 1/8" hole for the needle to be inserted. Make this hole in the same location, as shown below. Seal hole with the plug provided.



2. Attach the needle to the syringe and fill with the correct color ink.

3. Inject approximately 5 ml. of ink slowly into the filling hole until the chamber is almost full. Unused ink may be returned to the bottle.

4. Seal the filling hole with the plug provided, making certain that the plug is completely inserted into the cartridge.

Additional Note: In some cases the sponge is deteriorated and it cannot hold the ink which will cause ink to leak out the outlet hole. If this happens an alternate method of refilling is to drip ink on to the sponge until it is soaked. (Your total page output will be less than a complete fill.)

5. Rinse the syringe with water and dry for future use, or use with a different color ink.

6. Reinsert the cartridge and run a priming cycle as per printer instructions.

Note: Immediately refill any empty cartridges.

Canon BC-01, BC-02, BC-05, BX-02

Important: Before refilling review our General Tips on pgs 1 & 2

Canon BC-05

Black & Color Cartridge

1. Using the screw provided remove the vented plug(s) from the filler hole(s). (Screw it into the small vent hole and pull the plug out.) OR enlarge the opening of the vent hole(s), using the eyelet screw, to allow the filling needle to fit in.

2. Attach the needle to the syringe and fill with the proper color ink.

3. Insert the syringe through the appropriate filling hole, as shown above and push into the cartridge. ***Note: You may feel a slight pressure because the cartridge contains a sponge. Continue pushing toward the inside until the filling needle reaches the other side of the cartridge.***

Canon BC-02

4. Slowly inject approximately 20 ml. of ink (BC-01, BC-02 & BX03) or 7 ml. (BC-05) or until ink appears at the filling hole. Unused ink can be returned to the bottle.

5. Rinse the syringe with water and dry for future use, or use with a different color ink.

6. Refit the plug(s) in the filler hole(s) if removed in step one.

7. Reinsert the cartridge and run a priming cycle as per printer instructions.

Note: Immediately refill any empty cartridges.

Important: Before refilling review our General Tips on pgs 1 & 2

Canon
BCI-60, BCI-61
(Standard Cartridges)

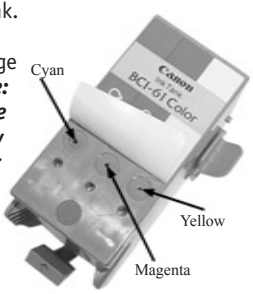
Black & Color Cartridges

1. Peel back label on top of cartridge enough to expose the filling holes, as shown.

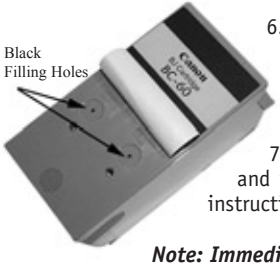
2. Using the eyelet screw included enlarge the filling hole(s) in the top of the cartridge(s).

3. Attach the needle to the syringe and fill with the appropriate color ink.

4. Push needle all the way into the cartridge of the appropriate color filling hole. ***Note: You may feel a slight pressure because the cartridge contains a sponge. Slowly inject approximately 10 ml. of ink, per chamber, into the sponge until the ink surfaces at the filling hole. Some ink may overflow from the filling and outlet holes when it is full.***



5. Seal the filling holes(s) in the top of the cartridge by reapplying the label with adhesive tape.



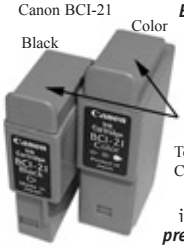
6. Unused ink may be returned to the bottle. Rinse the syringe with water and dry between each color refill or store for future use.

7. Reinsert cartridge back into the printer and run 1 - 3 cleaning cycles as per printer instructions.

Note: Immediately refill any empty cartridges.

Canon
BCI-21 & 24 Black, BC-20, BCI-21 & 24 Color, BC-23

Important: Before refilling review our General Tips on pgs 1 & 2



BCI-21, BCI-24 Black & BCI-21, BCI-24 Color Cartridges

1. Remove the top of cartridge(s) using a penknife.

2. Using the eyelet screw provided enlarge the filling hole(s) in the top of the cartridge(s).

3. Attach the needle to the syringe and fill with the appropriate color ink.

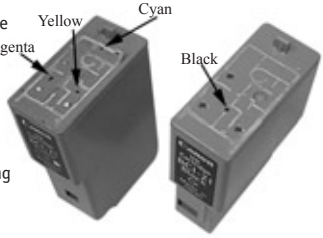
4. Insert the syringe through the appropriate filling hole, (See diagram below for filling hole color) and push into the center of the cartridge. ***Note: You may feel a slight pressure because the cartridge contains a sponge.***

5. Slowly inject up to 5 ml. of ink, per chamber into the cartridge. Some ink may overflow from the filling and outlet holes when full.

6. Replace the top and secure with adhesive tape (BCI-21 & 24).

7. Unused ink may be returned to the bottle. Rinse the syringe with water and dry between each color filling or store for future use.

8. Reinsert the cartridge(s) and run a cleaning cycle as per printer instructions.



BC-20 & BC-23 High Capacity Cartridge

1. Remove plug on top of cartridge (BC-20 & BC-23) with included eyelet screw, as shown.

2. Attach the needle to the syringe and fill with black ink.

3. Insert the syringe through the filling hole and push all the way into the cartridge. Note: You may feel a slight pressure because the cartridge contains a sponge.

4. Slowly inject up to 30 ml. of ink then replace the plug on the top of the cartridge.

5. Unused ink may be returned to the bottle. Rinse the syringe with water and dry for future use, or use with a different color ink.

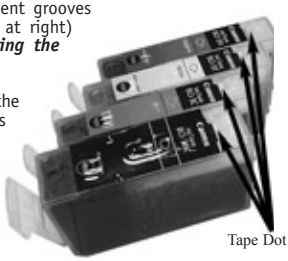
6. Reinsert the cartridge(s) and run a priming cycle as per printer instructions.

Note: Immediately refill any empty cartridges.

Important: Before refilling review our General Tips on pgs 1 & 2

Canon BCI-3eBk, BCI-3eC, BCI-3eM, BCI-3Y

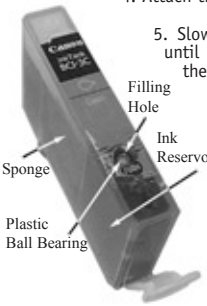
1. Firmly place an included tape dot over the vent grooves located on the top of the cartridge. (as shown at right) ***Note: Make sure tape dot is completely covering the grooves.***



2. Turn cartridge over and temporarily seal the outlet hole with adhesive tape making sure it is completely adhering to the rim of the outlet port. (as shown below)

3. Use a pointed object to cut the label covering the plastic ball bearing which seals the filling hole (as shown below). Use a pointed object such as a philips screwdriver or a ball point pen and push the plastic ball bearing into the cartridge.

4. Attach the needle to the syringe and fill with the correct color ink.



5. Slowly inject approximately 4 ml. of ink into the filling hole until the chamber is almost full. Unused ink may be returned to the bottle.

6. Use another tape dot to seal the filling hole, making certain that the tape dot is firmly seated and airtight.

7. Once the filling hole is sealed airtight remove the tape dot from the top vent grooves. ***Note: Do Not squeeze sides of cartridge after you have sealed the filling hole.***

8. Slowly and carefully remove the tape from the outlet hole. ***Note: Make sure you have a paper towel handy when removing the tape from the outlet hole. During the refilling process ink may have pooled and may drip.***

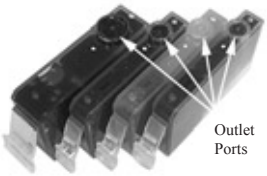
9. Rinse the syringe with water and dry for future use, or use with a different color ink.

10. Reinsert the cartridge and run a priming cycle as per printer instructions.

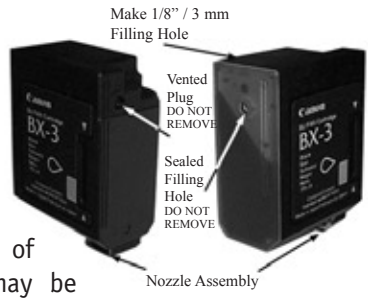
Note: Immediately refill any empty cartridges.

Note: If the cartridge continues to leak, lay the cartridge on its side until the dripping stops. Also, check the seal on the cartridge to make sure it is airtight.

Canon BCI-3BK, C, M, & Y



1. Drill an 1/8" / 3 mm filling hole on the top of the cartridge about 3/16" from the edge of the cartridge.



2. Attach the needle to the syringe and fill with the black ink.

3. Insert the needle through the filling hole and inject up to 20 ml. of black ink. Unused ink may be returned to the bottle. Rinse the syringe with water and dry for further use.

4. Use the plug provided or a piece of strong tape to seal the filing hole.

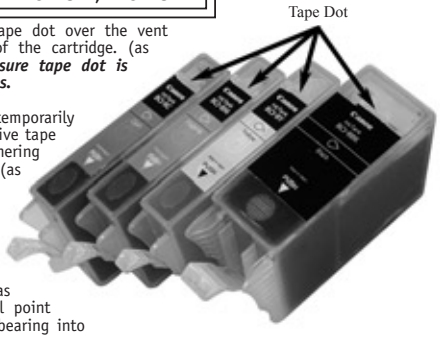
Note: The cartridge will leak if the cartridge is not sealed properly.

5. Reinsert the cartridge in the printer and run a cleaning cycle as per the printer instructions.

NOTE: Immediately refill any empty cartridges.

Important: Before refilling review our General Tips on pgs 1 & 2

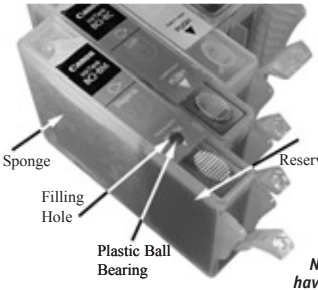
Canon BCI-8Bk, BCI-8C, BCI-8M, BCI-8Y



1. Firmly place an included tape dot over the vent grooves located on the top of the cartridge. (as shown at right) ***Note: Make sure tape dot is completely covering the grooves.***

2. Turn cartridge over and temporarily seal the outlet hole with adhesive tape making sure it is completely adhering to the rim of the outlet port. (as shown below)

3. Use a pointed object to cut the label covering the plastic ball bearing which seals the filling hole (as shown below). Use a pointed object such as a philips screwdriver or a ball point pen and push the plastic ball bearing into the cartridge.



4. Attach the needle to the syringe and fill with the correct color ink.

5. Slowly inject approximately 4 ml. of ink into the filling hole until the chamber is almost full. Unused ink may be returned to the bottle.

6. Use another tape dot to seal the filling hole, making certain that the tape dot is firmly seated and airtight.

7. Once the filling hole is sealed airtight remove the tape dot from the top vent grooves. ***Note: Do Not squeeze sides of cartridge after you have sealed the filling hole.***

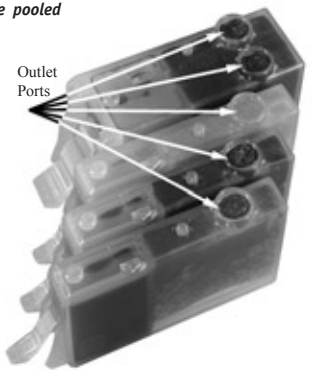
8. Slowly and carefully remove the tape from the outlet hole. ***Note: Make sure you have a paper towel handy when removing the tape from the outlet hole. During the refilling process ink may have pooled and may drip.***

9. Rinse the syringe with water and dry for future use, or use with a different color ink.

10. Reinsert the cartridge and run a priming cycle as per printer instructions.

Note: Immediately refill any empty cartridges.

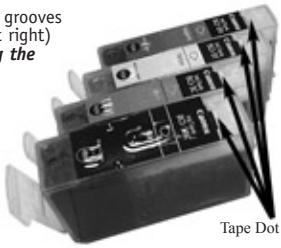
Note: If the cartridge continues to leak, lay the cartridge on its side until the dripping stops. Also, check the seal on the cartridge to make sure it is airtight.



Canon BCI-3Bk, BCI-3C, BCI-3M & BCI-3Y

Important: Before refilling review our General Tips on pgs 1 & 2

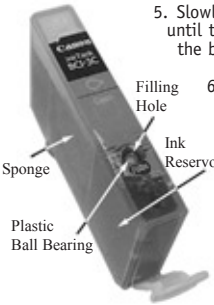
1. Firmly place an included tape dot over the vent grooves located on the top of the cartridge. (as shown at right) ***Note: Make sure tape dot is completely covering the grooves.***



2. Turn cartridge over and temporarily seal the outlet hole with adhesive tape making sure it is completely adhering to the rim of the outlet port. (as shown below)

3. Use a pointed object to cut the label covering the plastic ball bearing which seals the filling hole (as shown below). Use a pointed object such as a philips screwdriver or a ball point pen and push the plastic ball bearing into the cartridge.

4. Attach the needle to the syringe and fill with the correct color ink.



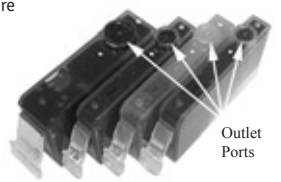
5. Slowly inject approximately 4 ml. of ink into the filling hole until the chamber is almost full. Unused ink may be returned to the bottle.

6. Use another tape dot to seal the filling hole, making certain that the tape dot is firmly seated and airtight.

7. Once the filling hole is sealed airtight remove the tape dot from the top vent grooves. ***Note: Do Not squeeze sides of cartridge after you have sealed the filling hole.***

8. Slowly and carefully remove the tape from the outlet hole. ***Note: Make sure you have a paper towel handy when removing the tape from the outlet hole. During the refilling process ink may have pooled and may drip.***

Canon BCI-3BK, C, M, & Y



9. Rinse the syringe with water and dry for future use, or use with a different color ink.

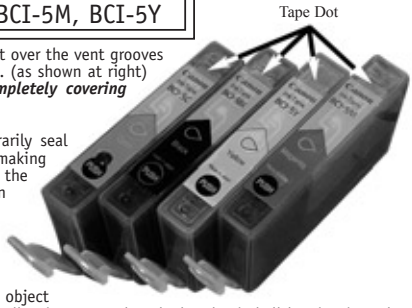
10. Reinsert the cartridge and run a priming cycle as per printer instructions.

Note: Immediately refill any empty cartridges.

Note: If the cartridge continues to leak, lay the cartridge on its side until the dripping stops. Also, check the seal on the cartridge to make sure it is airtight.

Important: Before refilling review our General Tips on pgs 1 & 2

Canon BCI-5Bk, BCI-5C, BCI-5M, BCI-5Y



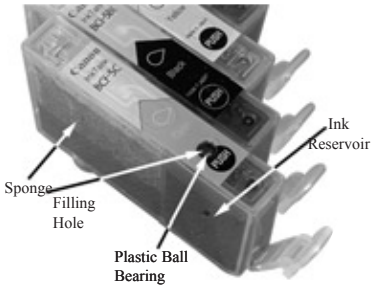
1. Firmly place an included tape dot over the vent grooves located on the top of the cartridge. (as shown at right) ***Note: Make sure tape dot is completely covering the grooves.***

2. Turn cartridge over and temporarily seal the outlet hole with adhesive tape making sure it is completely adhering to the rim of the outlet port. (as shown below)

3. Use a pointed object to cut the label covering the plastic ball bearing which seals the filling hole (as shown below). Use a pointed object such as a philips screwdriver or a ball point pen and push the plastic ball bearing into the cartridge.

4. Attach the needle to the syringe and fill with the correct color ink.

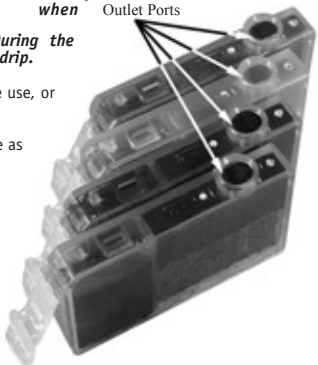
5. Slowly inject approximately 4 ml. of ink into the filling hole until the chamber is almost full. Unused ink may be returned to the bottle.



6. Use another tape dot to seal the filling hole, making certain that the tape dot is firmly seated and airtight.

7. Once the filling hole is sealed airtight remove the tape dot from the top vent grooves. ***Note: Do Not squeeze sides of cartridge after you have sealed the filling hole.***

8. Slowly and carefully remove the tape from the outlet hole. ***Note: Make sure you have a paper towel handy when removing the tape from the outlet hole. During the refilling process ink may have pooled and may drip.***



9. Rinse the syringe with water and dry for future use, or use with a different color ink.

10. Reinsert the cartridge and run a priming cycle as per printer instructions.

Note: Immediately refill any empty cartridges.

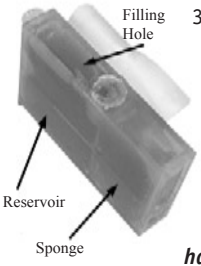
Xerox
8R7660, 8R7661,
8R7662, 8R7663

Important: Before refilling review our General Tips on pgs 1 & 2

Black & Color Cartridges

1. Peel the label back on the top of the cartridge, as shown below and make a 3 mm or 1/8" hole in the top of the cartridge. Make the hole on the opposite side of the sponge which is the reservoir side.

2. Attach the needle to the syringe and fill with the correct color ink.



3. Inject approximately 5 ml. of ink into the filling hole until the chamber is almost full. Unused ink may be returned to the bottle.

4. Use the plug included to seal the filling hole, making certain that the plug is completely inserted into the cartridge.

Additional Note: In some cases the sponge has deteriorated and it cannot hold the ink and the ink will leak out the outlet hole. If this happens an alternate method of refilling is to drip ink onto the sponge until it is absorbed, however, your total page output will be less than a complete fill.

5. Rinse the syringe with water and dry between store for further use.

6. Reinsert the cartridge and run a priming cy instructions.

Note: Immediately refill any empty cartridges.

Important: Before refilling review our General Tips on pgs 1 & 2

Xerox
8R12591

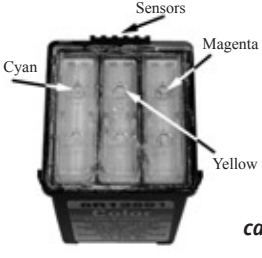
Color Cartridge

1. To locate the filler hole of the cartridge you must remove the plastic cover. This cover must be removed before refilling by carefully prying it off with a thin metal blade, such as a utility knife. Important: Make certain not to damage the sensors on the back of the cartridge.

2. Attach the needle to the syringe and fill with the correct color ink.

3. Insert the filling needle into the corresponding hole of the color to be refilled, (see diagram above) and push as far down into the cartridge. ***Note: You will feel a slight pressure because the cartridge contains a sponge.***

4. Slowly inject approximately 8 ml. of ink, per chamber, into the cartridge until the ink just begins to surface on the top of the sponge. Important: The sponge inside the cartridge is white. And to prevent overfilling the cartridge do not change the color of the sponge to the color you are filling. When the ink just begins to surface where the needle is inserted, stop filling, the cartridge is full.



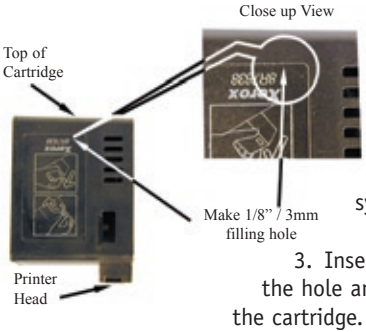
5. Rinse the needle point and syringe with water and dry between each color refilling or store for future use.

6. The cover can be reattached securely with a piece of adhesive tape.

Note: Immediately refill any empty cartridges.

Xerox
8R7638
(Black Cartridge)

Important: Before refilling review our General Tips on pgs 1 & 2



1. Make a 1/8" / 3mm filling hole on the front of the cartridge 1/2" from the top using a small drill or other pointed object.

2. Attach the needle to the syringe and fill with ink.

3. Insert the filling needle through the hole and push towards the center of the cartridge.

Note: The cartridge contains felt. When the needle touches the felt stop inserting. The needle is in as far as it can go.

4. Slowly inject up to 40 ml. of ink or until ink appears at the filling hole.

5. Seal the filling hole with the plug provided or with adhesive tape.

6. Unused ink may be returned to the bottle. Rinse the syringe and needle with water and dry for future use.

7. Reinsert the cartridge and run a priming cycle as per printer instructions.

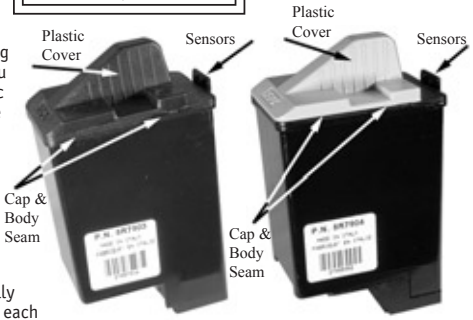
Note: Empty cartridges should be refilled immediately.

Important: Before refilling review our General Tips on pgs 1 & 2

Xerox 8R7903, 8R7904

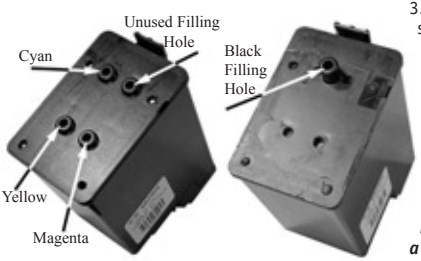
Black & Color Cartridges

1. To locate the filling hole of the cartridge you must remove the plastic cover. This cover must be removed before refilling and is held on with 4 small plastic pins.



2. To remove the cover carefully insert a utility knife and cut the pins holding the cover on to the body. Very carefully insert the utility knife at each of the four corners of the cap to cut the pins. Then pry of the cap with the utility knife.

Important: Make certain not to damage the sensors on the back of the cartridge.



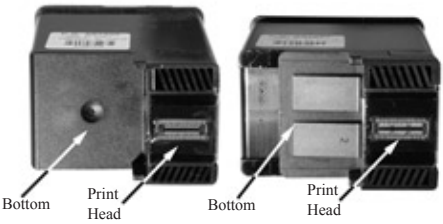
3. Attach the needle to the syringe and fill with the correct color ink.

4. Insert the filling needle into the corresponding hole of the color to be refilled, (see diagram) and push all the way down towards the center of the cartridge. ***Note: You will feel a slight pressure because the cartridge contains a sponge.***

5. Slowly inject approximately 10 ml. of ink into each chamber until the ink surfaces at the filling hole.

6. Rinse the needle point and syringe with water and dry between each color refilling or store for future use.

7. The cover can be reattached securely putting it back onto the body and pressing down firmly. Note: Be careful not to put pressure on the print head.



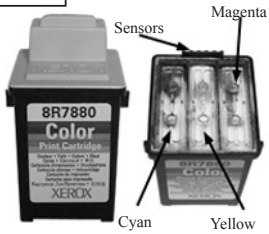
Note: Immediately refill any empty cartridges.

Xerox
8R7880, 8R7881,
8R7882

Important: Before refilling review our General Tips on pgs 1 & 2

Color Cartridge

1. To locate the filler hole of the cartridge you must remove the plastic cover. This cover must be removed before refilling by carefully prying it off with a thin metal blade, such as a penknife. Important: Make certain not to damage the sensors on the back of the cartridge.



2. Attach the needle to the syringe and fill with the correct color ink.

3. Insert the filling needle into the corresponding filler hole of the color to be refilled, (see diagram above) and push as far down into the cartridge. ***Note: You may feel a slight pressure because the cartridge contains a sponge.***

4. Slowly inject approximately 8 ml. of ink, per chamber, into the cartridge until the ink just begins to surface on the top of the sponge. Important: The sponge inside is white. To prevent overfilling the cartridge do not change the color of the sponge to the color you are filling. When the ink just begins to surface where the needle is inserted, stop filling, the cartridge is full. Clean the syringe with water, and dry before refilling with another color.

5. After refilling, the top can be refitted and fixed with adhesive tape.

Black Cartridges

1. Using the eyelet screw included enlarge the filling hole on the top of the cartridge. (Do not remove the cap.)

2. Fill the syringe with 8 ml. of Cartridge & Print Head Cleaner and inject into the cartridge. Reinsert cartridge into printer and print 5 test pages. See general tips on page 2 for location of test page.

3. Fill the syringe with ink, insert the filling needle into the filling hole and push as far down into the cartridge as it will go. Inject approximately 20 ml. of ink slowly or until the reservoir is full.

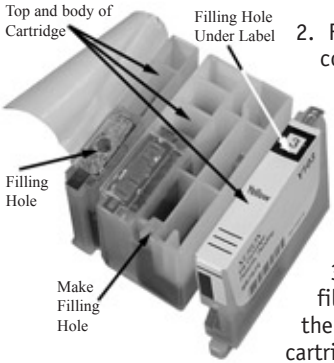
Note: Immediately refill any empty cartridges.

Important: Before refilling review our General Tips on pgs 1 & 2

Xerox 8R12728, 8R7971, 8R7972, 8R7973, 8R7974

Black & Color Cartridges

1. Shown in the picture below is the location of the filling hole under the label on the top of the cartridge. ***Note: It is not necessary to remove the label. Using the needle and syringe carefully insert it, without ink, through the label to gain access to the filling hole.***



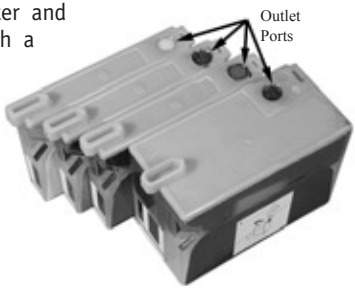
2. Fill the syringe with the correct color ink and slowly inject approximately 4 ml. of ink for 8R7971, 72 & 73 or 8 ml. of ink for 8R12728 into the cartridge filling hole until the chamber is almost full. Unused ink may be returned to the bottle.

3. Use adhesive tape to seal the filling hole, making certain that the tape has completely sealed the cartridge.

4. Rinse the syringe with water and dry for future use, or use with a different color ink.

5. Reinsert the cartridge and run a priming cycle as per printer instructions.

Note: Immediately refill any empty cartridges.

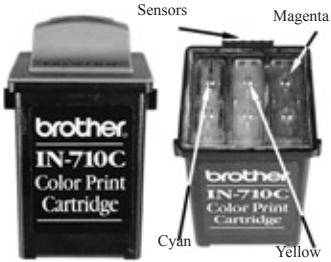


Brother IN-710C, LC11CL, IN-700, LC11BK

Important: Before refilling review our General Tips on pgs 1 & 2

Color Cartridge

1. To locate the filler hole of the cartridge you must remove the plastic cover. This cover must be removed before refilling by carefully prying it off with a thin metal blade, such as a utility knife. Important: Make certain not to damage the sensors on the back of the cartridge.



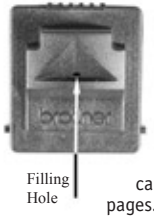
2. Attach the needle to the syringe and fill with the correct color ink.

3. Insert the filling needle into the corresponding hole of the color to be refilled, (see diagram above) and push as far down into the cartridge. ***Note: You will feel a slight pressure because the cartridge contains a sponge.***

4. Slowly inject approximately 8 ml. of ink, per chamber, into the cartridge until the ink just begins to surface on the top of the sponge. ***Important: The sponge inside the cartridge is white. To prevent overfilling the cartridge do not change the color of the sponge to the color you are filling.*** When the ink just begins to surface where the needle is inserted, stop filling, the cartridge is full.

5. Rinse the needle point and syringe with water and dry between each color refilling or store for future use.

6. The cover can be reattached securely with a piece of adhesive tape.



Black Cartridge

1. Using the eyelet screw included enlarge the filling hole. (Do not remove the cap.)

2. Fill the syringe with 8 ml. of Cartridge & Print Head Cleaner and inject into the cartridge. Reinsert cartridge into printer and print 5 test pages. See general tips on page 2 for location of test page.

3. Fill the syringe with ink, insert the filling needle into the filling hole and push downward all the way into the cartridge. Slowly inject up to 20 ml. of ink or until the reservoir is full.

Note: Immediately refill any empty cartridges.

Important: Before refilling review our General Tips on pgs 1 & 2

Brother LC03BC, LC03MY

Black & Color Cartridges

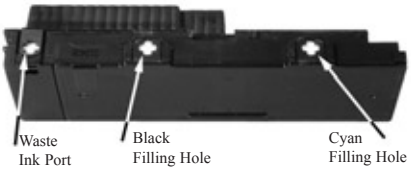
1. The filling hole is the same hole as the access port. The printer draws the ink from this port. Shown in the picture below is the location of the filling hole / access port.

2. The ink is contained in a delicate plastic bag and it is very important not to insert the needle more than 3/8" or it is possible to puncture the plastic bag permanently damaging it.

Important: It is very important to orientate the cartridge as shown in the pictures. If you reverse the cartridge you will put the wrong color of ink in the wrong fill hole.

3. Fill the syringe with the correct color ink and carefully insert the needle into the filling hole / access port and inject approximately 4 ml. of ink, per chamber, slowly into the cartridge. Unused ink may be returned to the bottle.

4. Hold the cartridge upright with the filling hole on the top. Use the syringe to remove any trapped air in the cartridge by only inserting the needle 3/8" and withdraw any air in the cartridge until all air is removed.



5. Remove the syringe and rinse with water and dry for further use, or to use with a different color ink.

6. Reinsert the cartridge and run a priming cycle as per printer instructions.

Note: Immediately refill any empty cartridges.

NOTE: It is not necessary to disassemble the cartridge to refill it and we strongly recommend you do not. We have included a picture of the inside of the cartridge to satisfy your curiosity.

Important: Before refilling review our General Tips on pgs 1 & 2

Brother LC01BK, LC01C, LC01M, LC01Y

Black & Color Cartridges

1. Peel back label as shown in photo below.

2. Use the eyelet screw included and screw it into the lower leveled area under the label until eyelet screw fully pierces cartridge.

3. Attach the needle to the syringe and fill with black ink.

4. Inject approximately 10 ml. of ink slowly into the sponge until the cartridge is full.

5. Use transparent tape to seal the hole made in the top label.

6. Unused ink may be returned to the bottle. Rinse the syringe with water and dry between each color refill or store for future use.

7. Reinsert the cartridge and run 1 - 3 cleaning cycles as per printer instructions. If necessary leave cartridge in printer for up to 24 hours which allows ink to flow to the print head.

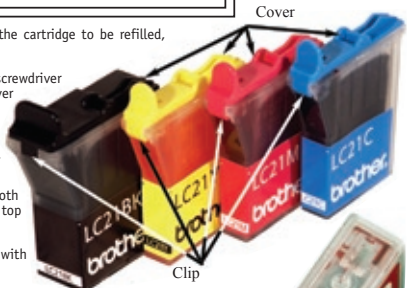
NOTE: This time is greatly reduced if the cartridge is refilled before it is completely empty.

Important: Before refilling review our General Tips on pgs 1 & 2

Brother LC21C, LC21M, LC21Y, LC21Bk

Black & Color Cartridges

1. Place a piece of transparent tape over the outlet hole on the cartridge to be refilled, as shown at lower right.



2. Remove the cover using a small flathead screwdriver and carefully pry off the clip holding the cover on the cartridge.

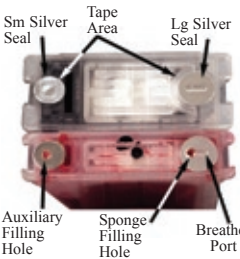
3. Use a penknife or your fingernail to remove the ***LARGE (Lg)*** & ***SMALL (Sm)*** silver seal, as shown below.

4. Use the eyelet screw included to widen both the ***SPONGE*** & ***AUXILIARY*** filling hole in the top of the cartridge(s), as shown below.

5. Attach the needle to the syringe and fill with the appropriate color ink.

6. Insert the syringe through the ***SPONGE*** filling hole and push all the way into the cartridge. ***Note: You may feel a slight pressure because the cartridge contains a sponge.***

7. Slowly inject approximately 7 ml. of ink and reseal the ***SPONGE*** filling hole and breather port with a piece of tape.



8. Insert the syringe into the ***AUXILIARY*** filling hole no more than 1/4" and inject approximately 3 ml. of ink and reseal with a piece of tape.

9. To replace the cover snap it back onto the cartridge the same direction it came off.

10. Unused ink may be returned to the bottle. Rinse the syringe with water and dry between each color refill or store for future use.

11. Remove the tape covering the outlet hole and reinsert the cartridge(s) and run a priming cycle as per printer instructions.

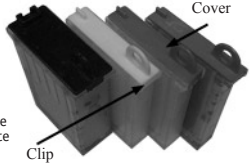
Note: Immediately refill any empty cartridges.

Important: Before refilling review our General Tips on pgs 1 & 2

Brother LC02BK, LC02C, LC02M, LC02Y

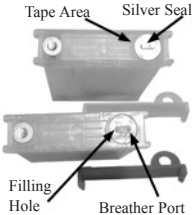
Black & Color Cartridges

1. To remove cover use a small flathead screwdriver and pry off the clip holding the cover on the cartridge.



2. Use a penknife or your fingernail to remove the larger silver seal, as shown below.

3. Use the eyelet screw included to widen the filling hole in the top of the cartridge(s).



4. Attach the needle to the syringe and fill with the appropriate color ink.

5. Insert the syringe through the filling hole which is the hole closest to the center of the cartridge and push all the way into the cartridge. ***Note: You may feel a slight pressure because the cartridge contains a sponge.***

6. Slowly inject approximately 7 ml. of ink slowly and reseal the filling hole and breather port with a piece of tape.

7. To replace the cover snap it back onto the cartridge the same direction it came off.

8. Unused ink may be returned to the bottle. Rinse the syringe with water and dry between each color refill or store for future use.

9. Reinsert the cartridge(s) and run a priming cycle as per printer instructions.

Note: Immediately refill any empty cartridges.

Important: Before refilling review our General Tips on pgs 1 & 2

Pitney Bowes 769-0

1. This cartridge has an access hole on the bottom, (this is where the machine draws ink from) and on the back side of the cartridge is a sealed filling hole. See photos.

2. Place a piece of adhesive tape over the outlet hole located on the bottom of the cartridge.

3. Using the eyelet screw provided reopen / make a filling hole in the back side of the cartridge.

4. Attach the needle to the syringe and fill with MAGENTA color ink. ***Note: Magenta is the closest color that matches what the post office uses.***

5. Insert the syringe through the filling hole, and push all the way down into the cartridge. ***Note: You may feel a slight pressure because the cartridge contains a sponge.***

6. Note: Hold the tape firmly over the outlet hole, while slowly injecting up to 4 ml. of ink into the cartridge. Some ink may overflow from the filling and outlet holes when full.

7. Unused ink may be returned to the bottle. Rinse the syringe with water and dry for future use.

8. Reinsert the cartridge(s) and run a cleaning cycle as per postage machines instructions.

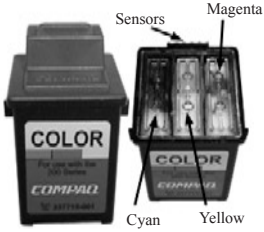
Note: Immediately refill any empty cartridges.

Compaq
337714-001,
337715-001

Important: Before refilling review our General Tips on pgs 1 & 2

Color Cartridge

1. The filler holes of the cartridge are located under the red top. Remove the top before refilling by carefully prying it off with a thin metal blade, such as a penknife. ***Important: Make certain not to damage the sensors on the back of the cartridge.***



2. Attach the needle to the syringe and fill with the correct color ink.

3. Insert the filling needle into the filler hole of the color to be refilled, (see diagram above) and push as far down into the cartridge. ***Note: You may feel a slight pressure because the cartridge contains a sponge.***

4. Slowly inject approximately 8 ml. of ink, per chamber, into the cartridge until the ink just begins to surface on the top of the sponge. ***Important: The sponge inside is white. And in order to prevent overfilling the cartridge do not change the color of the sponge to the color you are filling. When the ink just begins to surface where the needle is inserted, stop filling, the cartridge is full.***

5. Rinse the syringe with water and dry between each color or store for future use.

6. The top can be refitted and fixed with a piece of tape after refilling.

Black Cartridge

1. Use the eyelet screw provided to widen the filling hole. (Do not remove the top.)

2. Fill the syringe with 8 ml. of Cartridge & Print Head Cleaner and inject into the cartridge. Reinsert cartridge into printer and print 5 test pages. See general tips on page 2 for location of test page.

3. Fill the syringe with ink, insert the filling needle into the filling hole and push as far down into the cartridge. Inject approximately 20 ml. of ink slowly or until the reservoir is full.

Note: Immediately refill any empty cartridges.

Important: Before refilling review our General Tips on pgs 1 & 2

Compaq 180845-001, 180846-001

Color Cartridge

1. The filler holes of the cartridge are located under the red top. Remove the top before refilling by carefully prying it off with a thin metal blade, such as a penknife. ***Important: Make certain not to damage the sensors on the back of the cartridge.***

2. Attach the needle to the syringe and fill with the correct color ink.

3. Insert the filling needle into the filler hole of the color to be refilled, (see diagram above) and push as far down into the cartridge. ***Note: You may feel a slight pressure because the cartridge contains a sponge.***

4. Slowly inject approximately 8 ml. of ink, per chamber, into the cartridge until the ink just begins to surface on the top of the sponge. ***Important: The sponge inside is white. And in order to prevent overfilling the cartridge do not change the color of the sponge to the color you are filling. When the ink just begins to surface where the needle is inserted, stop filling, the cartridge is full.***

5. Rinse the syringe with water and dry between each color or store for future use.

6. The top can be refitted and fixed with a piece of tape after refilling.

Black Cartridge

1. Use the eyelet screw provided to widen the filling hole. (Do not remove the top.)

2. Fill the syringe with 8 ml. of Cartridge & Print Head Cleaner and inject into the cartridge. Reinsert cartridge into printer and print 5 test pages. See general tips on page 2 for location of test page.

3. Fill the syringe with ink, insert the filling needle into the filling hole and push as far down into the cartridge. Inject approximately 20 ml. of ink slowly or until the reservoir is full.

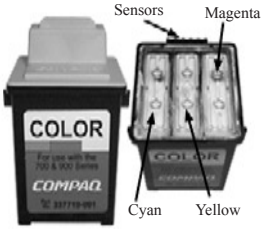
Note: Immediately refill any empty cartridges.

Compaq
337709-001,
337710-001

Important: Before refilling review our General Tips on pgs 1 & 2

Color Cartridge

1. To locate the filler hole of the cartridge you must remove the plastic cover. This cover must be removed before refilling it with ink by carefully prying it off with a thin metal blade, such as a penknife. Important: Be very careful not to damage the sensors on the back of the cartridge.



2. Attach the needle to the syringe and fill with the correct color ink.

3. Insert the filling needle into the corresponding hole of the color to be refilled, (see diagram above) and push as far down into the cartridge. ***Note: You may feel a slight pressure because the cartridge contains a sponge.***

4. Slowly inject approximately 8 ml. of ink, per chamber, into the cartridge until the ink just begins to surface on the top of the sponge. ***Important: The color of the sponge inside the cartridge is white. To prevent overfilling the cartridge do not change the color of the sponge to the color you are filling. When the ink begins to surface where the needle is inserted, stop filling, the cartridge is full.***

5. Rinse the syringe and needle point with water and dry between each color refill or store for future use.

6. The cover can be reattached securely with a piece of adhesive tape.

Black Cartridge

1. Using the eyelet screw included enlarge the filling hole on the top of the cartridge. (Do not remove the cap.)

2. Fill the syringe with 8 ml. of Cartridge & Print Head Cleaner and inject into the cartridge. Reinsert cartridge into printer and print 5 test pages. See general tips on page 2 for location of test page.

3. Fill the syringe with ink, insert the filling needle into the filling hole and push all the way into the cartridge. Inject approximately 20 ml. of ink or until the reservoir is full.

Note: Immediately refill any empty cartridges.

Important: Before refilling review our General Tips on pgs 1 & 2

Compaq 180847-001, 180848-001

Color Cartridge

1. To locate the filler hole of the cartridge you must remove the plastic cover. This cover must be removed before refilling it with ink by carefully prying it off with a thin metal blade, such as a penknife. ***Important: Be very careful not to damage the sensors on the back of the cartridge.***

2. Attach the needle to the syringe and fill with the correct color ink.

3. Insert the filling needle into the corresponding hole of the color to be refilled, (see diagram above) and push as far down into the cartridge. ***Note: You may feel a slight pressure because the cartridge contains a sponge.***

4. Slowly inject approximately 8 ml. of ink, per chamber into the cartridge until the ink just begins to surface on the top of the sponge. ***Important: The color of the sponge inside the cartridge is white. To prevent overfilling the cartridge do not change the color of the sponge to the color you are filling. When the ink begins to surface where the needle is inserted, stop filling, the cartridge is full.***

5. Rinse the syringe and needle point with water and dry between each color refilling or store for future use.

6. The cover can be reattached securely with a piece of adhesive tape.

Black Cartridge

1. Using the eyelet screw included enlarge the filling hole on the top of the cartridge. (Do not remove the cap.)

2. Fill the syringe with 8 ml. of Cartridge & Print Head Cleaner and inject into the cartridge. Reinsert cartridge into printer and print 5 test pages. See general tips on page 2 for location of test page.

3. Fill the syringe with ink, insert the filling needle fully into the filling hole and push all the way into the cartridge. Inject approximately 20 ml. of ink or until the reservoir is full.

Note: Immediately refill any empty cartridges.

Color Cartridge

1. To locate the filler hole of the cartridge you must remove the plastic cover. This cover must be removed before refilling it with ink by carefully prying it off with a thin metal blade, such as a penknife. ***Important: Be very careful not to damage the sensors on the back of the cartridge.***

2. Attach the needle to the syringe and fill with the correct color ink.

3. Insert the filling needle into the corresponding hole of the color to be refilled, (see diagram above) and push as far down into the cartridge. ***Note: You may feel a slight pressure because the cartridge contains a sponge.***

4. Slowly inject approximately 8 ml. of ink, per chamber, into the cartridge until the ink just begins to surface on the top of the sponge. ***Important: The color of the sponge inside the cartridge is white. In order to prevent overfilling the cartridge do not change the color of the sponge to the color you are filling. When the ink begins to surface where the needle is inserted, stop filling, the cartridge is full.***

5. Rinse the syringe and needle point with water and dry between each color refill or store for future use.

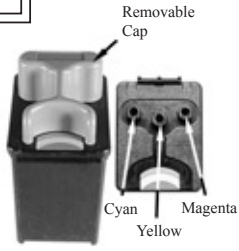
6. The cover can be reattached securely with a piece of adhesive tape.

Note: Immediately refill any empty cartridges.

Digital LJ50X-AB, LJ50X-AK, LJ50X-AC

Color Cartridge

1. Located underneath the removable cap are the filler holes of the cartridge. In order to remove the cap, grasp the cap with your fingers and pull it off. Important: The sensors on the back should not be damaged.



2. Attach the filling needle to the syringe and fill with the correct color ink.

3. Insert the filling needle into the filler hole of the color to be refilled, (see diagram above) and push as far down into the cartridge. ***Note: You may feel a slight pressure because the cartridge contains a sponge.***

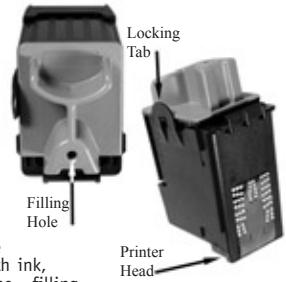
4. Slowly inject approximately 8 ml. of ink, per chamber, or until the ink surfaces at the filling hole. ***Important: To prevent over-injecting ink into this cartridge you may withdraw a minimum of 1 ml. of ink after refilling. This will confirm that the cartridge is not overfilled and will prevent the cartridge from leaking.***

5. Rinse the syringe and needle point with water and dry between each color refill or store for future use.

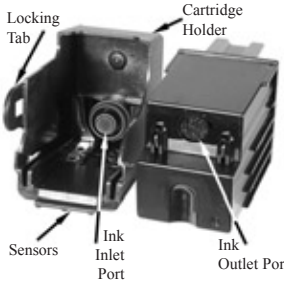
6. Upon finishing the refilling process, put the removable cap back on.

Black Cartridge

1. To remove cartridge from cartridge holder, gently pry the locking tab back and slide the cartridge out from the holder. ***Important: All of the parts in the cartridge are very sensitive and delicate and should not be touched. They can be damaged easily.***



2. Using a small flat blade screw driver or utility knife remove the plug (not shown) from the filling hole. *(Do not remove the top)*.



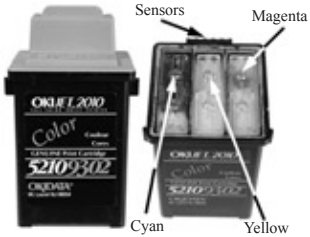
3. Fill the syringe with ink, insert the filling needle into the filling hole and push 3/4 of the way into the cartridge. Slowly inject up to 15 ml. of ink or until the reservoir is full. ***Important: Be careful ink may drip from the outlet port.***

4. Put cartridge back into the cartridge holder and reinstall into the printer.

Note: Immediately refill any empty cartridges.

Color Cartridge

1. To locate the filler holes of the cartridge you must remove the plastic cover. This cover must be removed before refilling it with ink by carefully prying it off with a thin metal blade, such as a utility knife. ***Important: Make certain that the sensors on the back do not get damaged.***



2. Attach the needle to the syringe and fill with the correct color ink.

3. Insert the filling needle into the corresponding hole of the color to be refilled, (see diagram above) and push as far down into the cartridge. ***Note: You may feel a slight pressure. The cartridge contains a sponge and a slight resistance may be felt.***

4. Slowly inject up to 8 ml. of ink, per chamber, into the cartridge until the ink just begins to surface on the top of the sponge. ***Important: The original color of the sponge is white. In order to avoid overfilling the cartridge do not change the color of the sponge to the color you are filling. When the ink just begins to surface where the needle is inserted, stop filling, the cartridge is full.***

5. Clean the syringe with water, and dry before refilling with another color.

6. After refilling, the top can be refitted and fixed with adhesive tape.

Black Cartridge

1. Enlarge the filling hole using the eyelet screw included. (Do not remove the top.)

2. Fill the syringe with 8 ml. of Cartridge & Print Head Cleaner and inject into the cartridge. Reinsert cartridge into printer and print 5 test pages. See general tips on page 2 for location of test page.

3. After printing the test pages, fill the syringe with ink, insert the filling needle into the filling hole and push downward all the way into the cartridge. Slowly inject up to 20 ml. of ink or until the reservoir is full.

Note: Empty cartridges should be refilled immediately.

Important: Before refilling review our General Tips on pgs 1 & 2

Okidata 52110001, 52110002, 52110003, 52110004

Black & Color Cartridges

1. Peel the label back on the top of the cartridge, as shown below and make an 1/8" or 3mm hole in the top of the cartridge. Make the hole on the opposite side of the sponge which is the reservoir side.

2. Attach the needle to the syringe and fill with the proper color ink.

3. Inject approximately 5 ml. of ink slowly into the filling hole until the chamber is almost full. Unused ink may be returned to the bottle.

4. Use the plug provided to seal the filling hole, be sure that the plug is fully seated into the cartridge.

Additional Note: In some cases the sponge is deteriorated and it cannot hold the ink and the ink will leak out the outlet hole. If this happens an alternate method of refilling is to drip ink onto the sponge until soaked, however, your total page output will be less than a complete fill.

5. Rinse the syringe with water and dry between each color refill or store for future use.

6. Reinsert the cartridge and run a priming cycle as per printer instructions.

Note: Immediately refill any empty cartridges.

Dell Personal 7Y743, 7Y745

Important: Before refilling review our General Tips on pgs 1 & 2

Color Cartridges

1. The filler holes are located under the plastic cover which is removed by carefully inserting a small flathead screwdriver into the slot (see diagram at right) and very gently twist to unlock the snaps holding the cover in place. ***Important: Do not damage the sensors on the back of the cartridge.***

2. Attach the needle to the syringe and fill with the correct color ink.

3. Insert the filling needle into the corresponding filler hole of the color to be filled, (see diagram below right) and push as far down into the cartridge. ***Note: You may feel a slight pressure because the cartridge contains a sponge.***

4. Inject approximately 4-6 ml of ink slowly or until the sponge is soaked. When the ink just begins to surface where the needle is inserted, stop filling, the cartridge is full. Make sure not to overfill to prevent the colors from mixing.

5. Rinse the syringe with water, and dry before refilling with another color.

6. Replace the top in its original position and push down on the top until it snaps in securely. ***Note: After refilling the cartridge change the settings on your printer to Best print and run 6-7 test pages to restore the print quality.***

Black Cartridges

1. Using the eyelet screw included widen the filling hole. (Do not remove the top).

2. Fill the syringe with 8 ml. of Cartridge & Print Head Cleaner and inject into the cartridge. Reinsert cartridge into printer and print 5 test pages. See general tips on page 2 for location of test page.

3. Fill the syringe with ink, insert the filling needle into the filling hole and push as far down into the cartridge. Inject approximately 12 - 14 ml of ink slowly or until the reservoir is full. After refilling and running the test pages restore the settings to economy to minimize the ink usage.

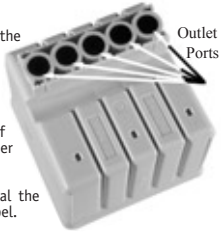
Note: Immediately refill any empty cartridges.

Important: Before refilling review our General Tips on pgs 1 & 2

Epson (Photo) S020193

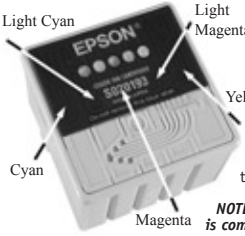
Photo Color Cartridge

1. Use a piece of tape to seal the outlet hole(s) in the base of the cartridge.



2. Attach the needle to the syringe and fill with the appropriate color ink.

3. Push needle through the label all the way into the cartridge of the correct filling hole. Slowly inject approximately 6 ml of ink, per chamber, into the cartridge until ink surfaces at the filling hole.



4. Use transparent tape to seal the hole(s) made in the top label.

5. Unused ink may be returned to the bottle. Rinse the syringe with water and dry between each color refill or store for further use.

6. Replace the cartridge leaving the transparent tape on the outlet hole(s) (see general tips on page 1) and run 1-3 cleaning cycles as per printer instructions. If necessary leave cartridge in printer for up to 24 hours which allows ink to flow to the print head.

NOTE: This time is greatly reduced if cartridge is refilled before it is completely empty.

Important: Before refilling review our General Tips on pgs 1 & 2

Epson (Photo) T015201, T016201

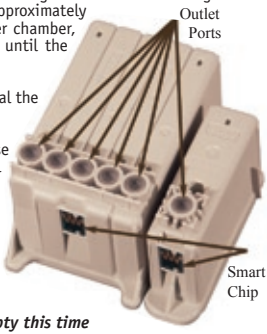
SMART CHIP ENABLED

Black & Color Cartridges

1. Place a piece of transparent tape over each outlet hole(s) in the base of the cartridge.

2. Attach the needle to the syringe and fill with the appropriate color ink.

3. Use the needle to push through the label all the way into the cartridge of the correct filling hole. Slowly inject approximately 8 ml. Of ink, per chamber, into the sponge until the cartridge is full.



4. Use transparent tape to seal the hole(s) made in the top label.

5. Any unused ink may be returned to the bottle. Rinse the syringe with water and dry between each color refill or store for future use.

6. Leaving the transparent tape on the outlet hole(s), see general tips on page 1, reinsert the cartridge and run 1-3 cleaning cycles as per printer instructions. It may be necessary to leave cartridge in printer for up to 24 hours to allow ink to flow to the printhead.

Note: If cartridge is refilled before it is completely empty this time is greatly reduced.

Important: Before refilling review our General Tips on pgs 1 & 2

Epson (Photo) T007, T007201

Black Cartridge

1. Use a piece of tape to seal the outlet hole in the base of the cartridge.

2. Attach the needle to the syringe and fill with the appropriate color ink.

3. Push needle through the label all the way into the cartridge of the proper filling hole. Slowly inject approximately 6 ml. of ink into the sponge until the ink surfaces at the top of the filling hole.

4. Use transparent tape to seal the hole made in the top label.

5. Unused ink may be returned to the bottle. Rinse the syringe with water and dry between each color refill or store for future use.

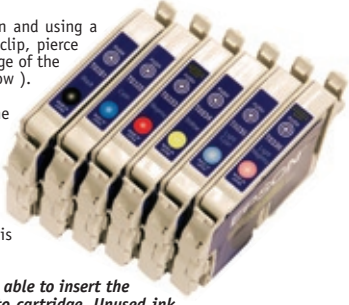
6. Reinsert the cartridge leaving the transparent tape on the outlet hole(s), see general tips on page 1, and run 1 - 3 cleaning cycles as per printer instructions. If necessary leave cartridge in printer for up to 24 hours to allow ink to flow to the print head.

NOTE: This time is greatly reduced if the cartridge refilled before it is completely empty.

Epson (Photo) T0331, T0332, T0333, T0334, T0335, T0336

Black & Color Cartridges

1. Turn the cartridge upside down and using a pointed object, such as a paper clip, pierce through the label into the cartridge of the proper filling hole (as shown below).



2. Attach the needle to the syringe and fill with the correct color ink.

3. Inject approximately 5 - 7 ml. of ink slowly into the filling hole until the cartridge is almost full.

Note: You will only be able to insert the needle about 3/8" into cartridge. Unused ink may be returned to the bottle.

4. Use a tape dot to seal the filling hole, making certain that the filling hole is completely sealed.

5. Rinse the syringe with water and dry for further use, or use with a different color ink.

6. Follow the resetting instructions for inserting cartridges into printer.

Note: Immediately refill any empty cartridges.

Important: Before refilling review our General Tips on pgs 1 & 2

Epson (Photo) S020110

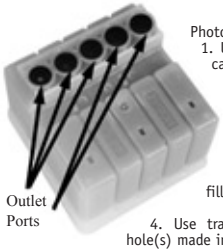


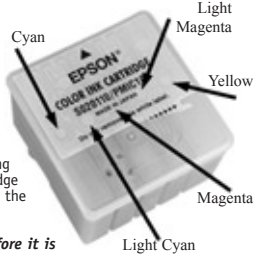
Photo Color Cartridge

1. Use a piece of tape to seal the outlet hole(s) in the base of the cartridge.

2. Attach the needle to the syringe and fill with the appropriate color ink.

3. Push needle through the label all the way into the cartridge of the proper filling hole. Slowly inject approximately 7 ml. of ink, per chamber, into the sponge until ink just begins to surface at the filling hole.

4. Use transparent tape to seal the hole(s) made in the top label.



5. Unused ink may be returned to the bottle. Rinse the syringe with water and dry between each color refill or store for future use.

6. Reinsert the cartridge leaving the transparent tape on the outlet hole(s) (see general tips on page 1) and run 1-3 cleaning cycles as per printer instructions. If necessary leave the cartridge in the printer for up to 24 hours which allows ink to flow to the print head.

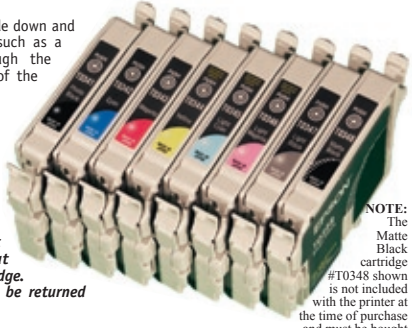
NOTE: This time is greatly reduced if cartridge is refilled before it is completely empty.

Epson T0341, T0342, T0343, T0344, T0345, T0346, T0347, T0348

Important: Before refilling review our General Tips on pgs 1 & 2

Black & Color Cartridges

1. Turn the cartridge upside down and using a pointed object, such as a paper clip, pierce through the label into the cartridge of the proper filling hole (as shown below).



2. Attach the needle to the syringe and fill with the correct color ink.

3. Inject approximately 5 - 7 ml. of ink slowly into the filling hole until the cartridge is almost full.

Note: You will only be able to insert the needle about 3/8" into cartridge. Unused ink may be returned to the bottle.

NOTE: The Matte Black cartridge #T0348 shown is not included with the printer at the time of purchase and must be bought separately. It is shown for reference purposes.

4. Use a tape dot to seal the filling hole, making certain that the filling hole is completely sealed.

5. Rinse the syringe with water and dry for further use, or use with a different color ink.

6. Follow the resetting instructions for inserting cartridges into printer.

Note: Immediately refill any empty cartridges.

Epson (Photo) T009, T009201

Photo Color Cartridge

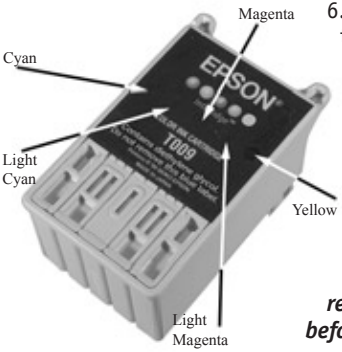
1. Use a piece of tape to seal the outlet hole(s) in the base of the cartridge.

2. Attach the needle to the syringe and fill with the appropriate color ink.

3. Push needle through the label all the way into the cartridge of the correct filling hole. Slowly inject ink approximately 9 ml. of ink, per chamber, into the sponge until the ink surfaces at the filling hole.

4. Use transparent tape to seal the hole(s) made in the top label.

5. Unused ink may be returned to the bottle. Rinse the syringe with water and dry between each color refill or store for future use.



6. Replace the cartridge leaving the transparent tape on the outlet hole(s), see general tips on page 1, and run 1 - 3 cleaning cycles as per printer instructions. If necessary leave cartridge in printer for up to 24 hours which allows ink to flow to the print head.

NOTE: This time is greatly reduced if cartridge is refilled before it is completely empty.

Epson (Photo)
T001

Important: Before refilling review our General Tips on pgs 1 & 2

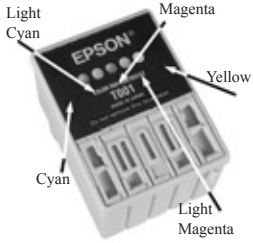


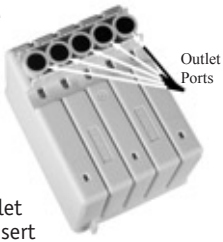
Photo Color Cartridge

1. Place a piece of transparent tape over the outlet holes located on the bottom of the cartridge.

2. Attach the filling needle to the syringe and fill with the proper color of ink.

3. Using the needle, puncture a filling hole into the label of the color that you are refilling and push as far down as possible. Slowly inject approximately 8 ml. of ink, per chamber, into the cartridge until the ink just begins to surface through the filling hole.

4. Put a piece of tape over the holes that were punctured on the label.



5. Any unused ink can be returned to the correct bottle. Rinse the syringe and needle with water between each color refilling and dry for future use.

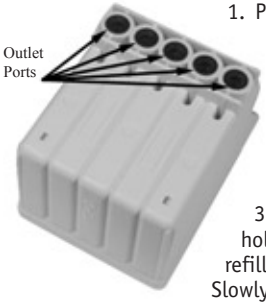
6. Leave the transparent tape on the outlet hole(s) (see general tips on page 1) and reinsert the cartridge then run 1 - 3 cleaning cycles as per printer instructions. It may be necessary to leave the cartridge in the printer for up to 24 hours. (This will allow the ink time to flow to the print head.)

NOTE: If cartridge is refilled before it is completely empty this time is greatly reduced.

Important: Before refilling review our General Tips on pgs 1 & 2

Epson (Photo) T008, T008201

Photo Color Cartridge



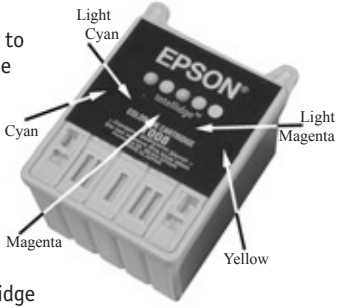
1. Place a piece of transparent tape over outlet holes located on the bottom of the cartridge.

2. Attach the filling needle to the syringe and fill with the proper color of ink.

3. Using the needle, puncture a filling hole into the label of the color that you are refilling and push as far down as possible. Slowly inject approximately 6 ml. of ink, per chamber, until the ink surfaces at the filling hole.

4. Put a piece of tape over the holes that were punctured on the label.

5. Any unused ink can be returned to the correct bottle. Rinse the syringe and needle with water between each color refilling and dry for future use.

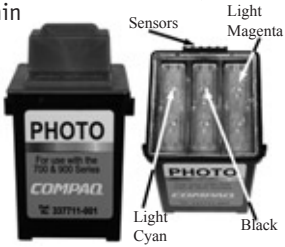


6. Leave the transparent tape on the outlet hole(s) and reinsert the cartridge then run 1 - 3 cleaning cycles as per printer instructions. It may be necessary to leave cartridge in printer for up to 24 hours. (This will allow the ink time to flow to the print head.)

NOTE: If cartridge is refilled before it is completely empty this time is greatly reduced.

Photo Color Cartridge

1. To locate the filler hole of the cartridge you must remove the plastic cover. This cover must be removed before refilling it with ink by carefully prying it off with a thin metal blade, such as a utility knife. ***Important: Be very careful not to damage the sensors on the back of the cartridge.***



2. Attach the needle point to the syringe and fill with the correct color ink.

3. Insert the filling needle into the corresponding hole of the color to be refilled, (see diagram) and push as far down into the cartridge. ***Note: The cartridge contains a sponge and a slight resistance may be felt.***

4. Slowly inject approximately 8 ml. of ink, per chamber, into the cartridge until the ink just begins to surface on the top of the sponge. ***Important: The sponge inside the cartridge is white. And in order to prevent overfilling the cartridge, the color of the sponge should remain white. As soon as the ink starts to bubble near the needle then stop injecting ink, the cartridge is full.***

5. Rinse the syringe and needle with water and dry before refilling with another color or store for future use.

6. After refilling, the top can be refitted and fixed with adhesive tape.

Note: Empty cartridges should be refilled immediately.

Important: Before refilling review our General Tips on pgs 1 & 2

Hewlett Packard C3844A, C3845A (Photo)

Photo Color Cartridges

1. The filling holes are located on top of the cartridge and are sealed with small plastic plugs. These must be removed by pushing them into the cartridge using a pointed object (e.g. a ball point pen tip)

2. Attach the needle to the syringe and fill with the correct color ink.

3. Insert the filling needle into the corresponding filler hole of the color to be refilled, (see diagrams) and push all the way down into the center of the cartridge. ***Note: You may feel a slight pressure because the cartridge contains a sponge.***

4. Slowly inject approximately 10 ml of ink, per chamber, until the ink surfaces at the filling hole. It is not necessary to reseal the filling holes. ***Important: Rinse the syringe with water, and dry between each color refill or store for future use.***

Note: Immediately refill any empty cartridges.

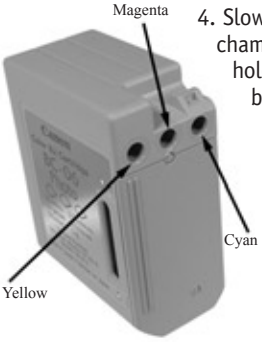
Important: Before refilling review our General Tips on pgs 1 & 2

Photo Cartridge

1. Using the screw provided remove the vented plug(s) from the filler hole(s). (Screw it into the small vent hole and pull the plug out). OR enlarge the opening of the vent hole(s), using the eyelet screw, to allow the filling needle to fit in.

2. Attach the needle to the syringe and fill with the proper color ink.

3. Insert the syringe through the appropriate filling hole, (See diagram for filling hole color) and push into the cartridge. ***Note: You may feel a slight pressure because the cartridge contains a sponge. Continue pushing toward the inside until the filling needle reaches the other side of the cartridge.***



4. Slowly inject approximately 10 ml. of ink, per chamber, or until ink appears at the filling hole. Unused ink can be returned to the bottle.

5. Rinse the syringe with water and dry for future use, or use with a different color ink.

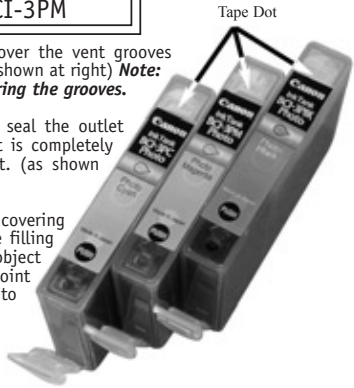
6. Refit the plug(s) in the filler hole(s) if removed in step one.

7. Reinsert the cartridge and run a priming cycle as per printer instructions.

Note: Immediately refill any empty cartridges.

Important: Before refilling review our General Tips on pgs 1 & 2

Canon (Photo) BCI-3PBk, BCI-3PC, BCI-3PM



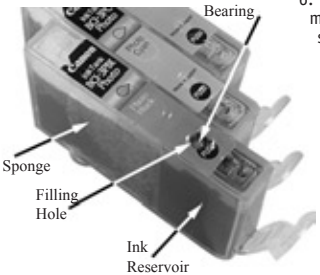
1. Firmly place an included tape dot over the vent grooves located on the top of the cartridge. (as shown at right) ***Note: Make sure tape dot is completely covering the grooves.***

2. Turn cartridge over and temporarily seal the outlet hole with adhesive tape making sure it is completely adhering to the rim of the outlet port. (as shown below)

3. Use a pointed object to cut the label covering the plastic ball bearing which seals the filling hole (as shown below). Use a pointed object such as a philips screwdriver or a ball point pen and push the plastic ball bearing into the cartridge.

4. Attach the needle to the syringe and fill with the correct color ink.

5. Slowly inject approximately 4 ml. of ink into the filling hole until the chamber is almost full. Unused ink may be returned to the bottle.

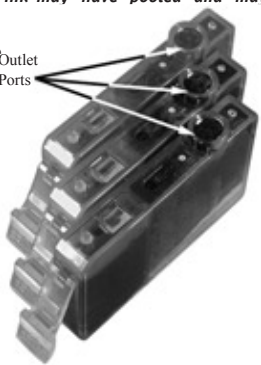


6. Use another tape dot to seal the filling hole, making certain that the tape dot is firmly seated and airtight.

7. Once the filling hole is sealed airtight remove the tape dot from the top vent grooves. ***Note: Do Not squeeze sides of cartridge after you have sealed the filling hole.***

8. Slowly and carefully remove the tape from the outlet hole. ***Note: Make sure you have a paper towel handy when removing the tape from the outlet hole. During the refilling process ink may have pooled and may drip.***

9. Rinse the syringe with water and dry for future use, or use with a different color ink.



10. Reinsert the cartridge and run a priming cycle as per printer instructions.

Note: Immediately refill any empty cartridges.

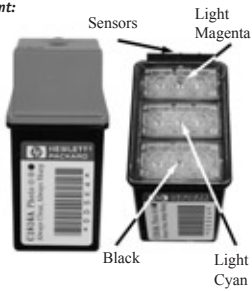
Note: If the cartridge continues to leak, lay the cartridge on its side until the dripping stops. Also, check the seal on the cartridge to make sure it is airtight.

Hewlett Packard (Photo) C1816A

Important: Before refilling review our General Tips on pgs 1 & 2

Photo Color Cartridge

1. To locate the filler holes of the cartridge you must remove the plastic cover. This cover must be removed before injecting ink by carefully prying it off with a thin metal blade, such as a thin flathead screwdriver. An alternative method is to lay the cartridge on its side, grasp it firmly, and strike the cover with a blunt instrument to break its seal. ***Important: Be very careful not to damage the sensors on the back of the cartridge.***



2. Attach the needle point to the syringe and fill with the correct color ink.

3. Insert the filling needle into the corresponding hole of the color to be refilled, (see diagram) and push as far down into the cartridge. ***Note: The cartridge contains a sponge and a slight resistance may be felt.***

4. Slowly inject up to 7 ml. of ink, per chamber, or until ink just begins to surfaces on the top of the sponge.

Important: The original color of the sponge is white. In order to avoid overfilling the cartridge do not change the color of the sponge to the color of ink you are injecting. When the ink begins to surface near the needle, stop filling, the cartridge is full.

5. Thoroughly rinse the syringe with water make sure to rinse the needle, as well, and dry before refilling another color or for future use.

6. Reattach the plastic cover using adhesive tape making certain that it is secure.

Note: Empty cartridges should be refilled immediately.

Canon (Photo) BCI-62

Important: Before refilling review our General Tips on pgs 1 & 2

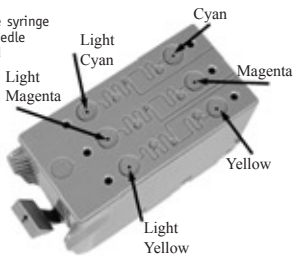
Photo Color Cartridge

Important: This photo cartridge is the only cartridge that contains a light yellow ink (see diagram below). When refilling this cartridge you can put standard yellow ink into the light yellow chamber. The difference in color print quality output is negligible.

1. To reveal the filling holes, peel back the label on the top of cartridge, as shown below.

2. Use the eyelet screw included in the kit to enlarge the 6 filling holes.

3. Attach the needle point to the syringe and fill with ink, insert the filling needle into the corresponding filling hole and push as far down into the cartridge as possible. ***Note: The cartridge contains a sponge and will not readily accept the needle. Slowly inject up to 10 ml. of ink, per chamber, into the sponge until the chamber is full. You will know when it is full because some ink may overflow from the filling and outlet holes.***



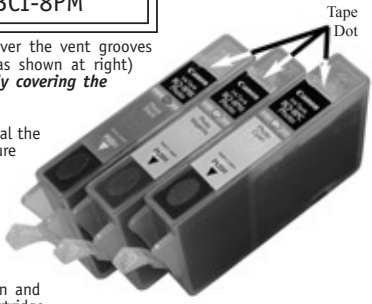
4. To seal the enlarged filling holes(s) in the cartridge either apply the label or use adhesive tape.

5. Any unused ink may be returned to the bottle. Rinse the syringe with water and dry between each use and when using with a different color ink.

Note: Empty cartridges should be refilled immediately.

Important: Before refilling review our General Tips on pgs 1 & 2

Canon (Photo) BCI-8PBk, BCI-8PC, BCI-8PM

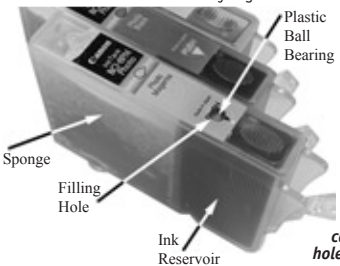


1. Firmly place an included tape dot over the vent grooves located on the top of the cartridge. (as shown at right) ***Note: Make sure tape dot is completely covering the grooves.***

2. Turn cartridge over and temporarily seal the outlet hole with adhesive tape making sure it is completely adhering to the rim of the outlet port. (as shown below)

3. Use a pointed object to cut the label covering the plastic ball bearing which seals the filling hole (as shown below). Use a pointed object such as a philips screwdriver or a ball point pen and push the plastic ball bearing into the cartridge.

4. Attach the needle to the syringe and fill with the correct color ink.

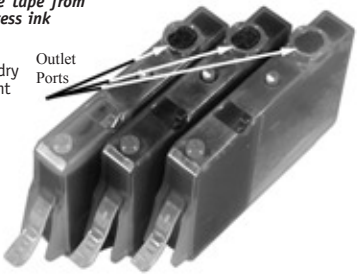


5. Slowly inject approximately 4 ml. of ink into the filling hole until the chamber is almost full. Unused ink may be returned to the bottle.

6. Use another tape dot to seal the filling hole, making certain that the tape dot is firmly seated and airtight.

7. Once the filling hole is sealed airtight remove the tape dot from the top vent grooves. ***Note: Do Not squeeze sides of cartridge after you have sealed the filling hole.***

8. Slowly and carefully remove the tape from the outlet hole. ***Note: Make sure you have a paper towel handy when removing the tape from the outlet hole. During the refilling process ink may have pooled and may drip.***



9. Rinse the syringe with water and dry for future use, or use with a different color ink.

10. Reinsert the cartridge and run a priming cycle as per printer instructions.

Note: Immediately refill any empty cartridges.

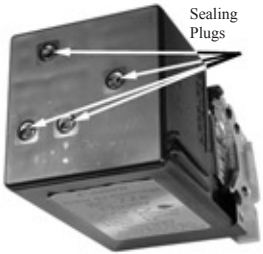
Note: If the cartridge continues to leak, lay the cartridge on its side until the dripping stops. Also, check the seal on the cartridge to make sure it is airtight.

BC-22e Photo Cartridge

1. Remove plugs on top of cartridge with included eyelet screw.

2. Attach the needle to the syringe and fill with the appropriate color of ink.

3. Insert the syringe through the filling hole and push all the way into the cartridge. ***Note: You may feel a slight pressure because the cartridge contains a sponge.***

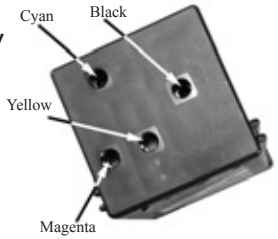


4. Slowly inject up to 10 ml. of ink, per chamber, then replace the original plugs on the top of the cartridge.

5. Unused ink may be returned to the bottle. Rinse the syringe with water and dry for future use, or use with a different color ink.

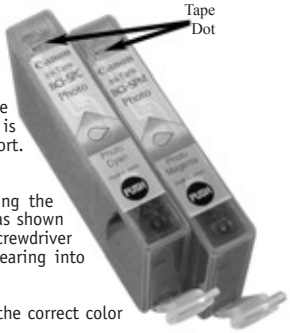
6. Reinsert the cartridge(s) and run a priming cycle as per printer instructions.

Note: Immediately refill any empty cartridges.



Important: Before refilling review our General Tips on pgs 1 & 2

Canon (Photo) BCI-5PC, BCI-5PM



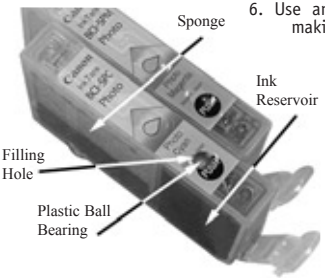
1. Firmly place an included tape dot over the vent grooves located on the top of the cartridge. (as shown at right) ***Note: Make sure tape dot is completely covering the grooves.***

2. Turn cartridge over and temporarily seal the outlet hole with adhesive tape making sure it is completely adhering to the rim of the outlet port. (as shown below)

3. Use a pointed object to cut the label covering the plastic ball bearing which seals the filling hole (as shown below). Use a pointed object such as a philips screwdriver or a ball point pen and push the plastic ball bearing into the cartridge.

4. Attach the needle to the syringe and fill with the correct color ink.

5. Slowly inject approximately 4 ml. of ink into the filling hole until the chamber is almost full. Unused ink may be returned to the bottle.



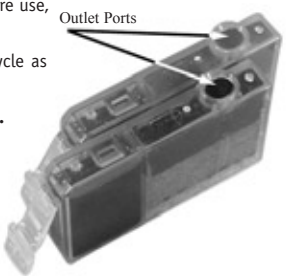
6. Use another tape dot to seal the filling hole, making certain that the tape dot is firmly seated and airtight.

7. Once the filling hole is sealed airtight remove the tape dot from the top vent grooves. ***Note: Do Not squeeze sides of cartridge after you have sealed the filling hole.***

8. Slowly and carefully remove the tape from the outlet hole. ***Note: Make sure you have a paper towel handy when removing the tape from the outlet hole. During the refilling process ink may have pooled and may drip.***

9. Rinse the syringe with water and dry for future use, or use with a different color ink.

10. Reinsert the cartridge and run a priming cycle as per printer instructions.



Note: Immediately refill any empty cartridges.

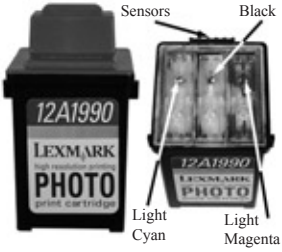
Note: If the cartridge continues to leak, lay the cartridge on its side until the dripping stops. Also, check the seal on the cartridge to make sure it is airtight.

Lexmark (Photo) 12A1990

Important: Before refilling review our General Tips on pgs 1 & 2

Photo Color Cartridge

1. To locate the filler holes of the cartridge you must remove the plastic cover. This cover must be removed before refilling by carefully prying it off with a thin metal blade, such as a utility knife. ***Important: Make certain not to damage the sensors on the back of the cartridge.***



2. Attach the needle to the syringe and fill with the correct color ink.

3. Insert the filling needle into the corresponding filler hole of the color to be refilled, (see diagram) and push as far down into the cartridge. ***Note: You may feel a slight pressure because the cartridge contains a sponge.***

4. Slowly inject approximately 8 ml. of ink, per chamber, or until ink just begins to surface on the top of the sponge. ***Important: The sponge inside is white. In order to prevent overfilling the cartridge do not change the color of the sponge to the color you are filling.*** When the ink just begins to surface where the needle is inserted, stop filling, the cartridge is full.

5. Rinse the syringe with water and dry between each color refill or store for future use.

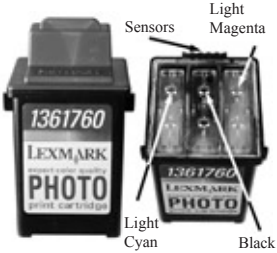
6. After refilling, the top can be refitted and fixed with adhesive tape.

Lexmark (Photo) 1361760

Important: Before refilling review our General Tips on pgs 1 & 2

Photo Color Cartridge

1. To locate the filler holes of the cartridge remove the plastic cover. You must remove this cover before refilling by carefully prying it off with a thin metal blade, such as a utility knife. ***Important: Make certain not to damage the sensors on the back of the cartridge.***



2. Attach the needle to the syringe and fill with the correct color ink.

3. Insert the filling needle into the filler hole of the color to be refilled, (see diagram) and push as far down into the cartridge. ***Note: You may feel a slight pressure because the cartridge contains a sponge.***

4. Slowly inject approximately 8 ml. of ink, per chamber, or until ink just begins to surface on the top of the sponge. ***Important: The sponge inside is white. In order to prevent overfilling the cartridge do not change the color of the sponge to the color you are filling.*** When the ink just begins to surface where the needle is inserted, stop filling, the cartridge is full.

5. Rinse the syringe with water and dry between each color refill or store for future use.

6. The top can be refitted and fixed with adhesive tape after refilling.

F.A.Q.'s
Frequently Asked Questions

Q. Will the Universal Inkjet Refill System work in my printer?

A. Yes, all inkjet cartridges have a filling hole. When the cartridge is first made the manufacturer filled the cartridge with ink and then sealed the filling hole. All you are doing when refilling the cartridge is accessing the original filling hole and refilling it with ink. The Universal Inkjet Refill System uses specially formulated ink, which works in any inkjet cartridge.

Q. Does using Universal Inkjet void my warranty?

A. No, according to printer manufacturers warranties, the use of a refilled print cartridge does not affect the warranty unless failure or damage is attributable to it. Keep in mind that the ink does not touch any part of the printer or internal parts other than the cartridge and print head. The cartridge is a self contained unit and ink is applied to the paper as the paper is fed through the printer. Universal inks will not harm the cartridge. The composition of the inks is the same as the ink supplied by the printer manufacturer.

Q. Are the colors the same as the original?

A. For all practical purposes, yes. If there are slight variations in color, they can be adjusted through software, which is usually included with the printer.

Q. How many times can a cartridge be refilled?

A. The answer varies depending on the manufacturer and the model. All inkjet cartridges have a limited life span, and typically a cartridge will last between 3 - 10 refills due to the electronics that control printer jets. Small resistors on the cartridge overheat when the ink runs out, therefore limiting the life of the cartridge. You can extend the life of your cartridge by not letting the ink run out completely before refilling.

Q. What can I do if the cartridge print nozzles are clogged?

A. Uneven printing, skipping, or no print may suggest clogged print nozzles. If a cartridge has been left, unused or stored for a long period of time, its print nozzles may become blocked with old dried ink. One method is to allow the print heads to soak in our Cartridge & Print Head Cleaner for an hour, this should help unclog the print nozzles and restore print quality.

Cartridge & Print Head Cleaner Instructions for Use

If a cartridge has been unused, left empty or stored for a long period of time, the nozzles may become clogged with dried ink residue. Nozzles and printheads are extremely delicate and sensitive and can be damaged easily if any material other than a specifically formulated solvent is used to clean them.

Allow print heads to soak in the Cartridge & Printhead Cleaner to refresh the print nozzles and help restore print quality.

This Universal Cartridge & Printhead Cleaner offers an inexpensive cost method for cleaning print heads and priming print cartridges for refills. This is useful for those who have mono printers who wish to refill their existing black cartridge with a single color to enable color printing. The Cartridge & Print Head cleaner is simply injected into the cartridge in the same fashion as you would inject the ink and then withdrawn back out until all ink is removed.

There are several ways to utilize the Cartridge & Print Head Cleaner:

I. Fill the syringe with 2 ml. of Cartridge & Print Head Cleaner and squirt the Cartridge & Print Head Cleaner onto the print head over the sink. Do not touch the print head with the needle point. The dried ink will immediately solubilize and wash away. Let it air dry and reinsert into the printer.

II. Pour a ½" of Cartridge & Print Head Cleaner in a container and let the cartridge soak. (Use a cup the size of a coffee mug for this procedure). Allow it to air dry and reinstall into printer and run a cleaning cycle as per the printer instructions.

III. Apply a small amount of Cartridge & Print Head Cleaner onto a paper towel or soft tissue. Next sit the print head directly where the Cartridge & Print Head Cleaner was applied. Allow the cartridge to sit for 2 minutes and then dab it dry with a clean tissue. To avoid damaging the printhead do not to rub the print head on the paper towel in any manner.

IV. Prior to every third refill, inject 1/2 - 2 ml. of Cartridge & Print Head Cleaner (depending on the size of the cartridge), in order to prolong the life of the sponge inside the cartridge. Also, adding the Cartridge & Print Head Cleaner before each refill solubilizes the trapped residue and prevents the sponge from collecting excess ink.